

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014160.D
 Acq On : 07 Feb 2018 13:56
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:50:22 PM

Quant Time: Feb 07 14:29:00 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 13:28:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	96675	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	460733	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	322751	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	786873	20.00	ng	0.00
75) Chrysene-d12	21.17	240	781479	20.00	ng	0.00
86) Perylene-d12	23.34	264	572865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	963578	167.78	ng	0.00
7) Phenol-d6	6.75	99	1391483	174.73	ng	0.00
23) Nitrobenzene-d5	8.71	82	1756802	251.27	ng	0.00
41) 2,4,6-Tribromophenol	15.71	330	812799	217.67	ng	0.00
44) 2-Fluorobiphenyl	12.82	172	4473827	199.81	ng	0.00
78) Terphenyl-d14	19.61	244	7265918	230.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	170849	71.37	ng	# 100
3) Pyridine	3.53	79	523140	71.37	ng	# 91
4) n-Nitrosodimethylamine	3.45	42	316457	84.55	ng	# 47
6) Aniline	6.89	93	873199	80.73	ng	93
8) 2-Chlorophenol	7.12	128	553874	81.80	ng	96
9) Benzaldehyde	6.71	77	401944	86.83	ng	89
10) Phenol	6.77	94	694778	79.36	ng	91
11) bis(2-Chloroethyl)ether	6.99	93	510526	72.96	ng	95
12) 1,3-Dichlorobenzene	7.43	146	664064	86.13	ng	# 90
13) 1,4-Dichlorobenzene	7.58	146	673591	85.91	ng	# 94
14) 1,2-Dichlorobenzene	7.89	146	670818	88.39	ng	# 91
15) Benzyl Alcohol	7.80	79	640559	111.25	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.08	45	517531	44.23	ng	86
17) 2-Methylphenol	8.00	107	521767	93.07	ng	# 85
18) Hexachloroethane	8.60	117	271766	101.25	ng	90
19) n-Nitroso-di-n-propylamine	8.36	70	576314	98.56	ng	93
20) 3+4-Methylphenols	8.33	107	734083	94.38	ng	87
22) Acetophenone	8.37	105	1109794	96.94	ng	# 92
24) Nitrobenzene	8.75	77	868149	112.69	ng	96
25) Isophorone	9.27	82	1432969	91.47	ng	# 91
26) 2-Nitrophenol	9.45	139	346561	112.80	ng	# 56
27) 2,4-Dimethylphenol	9.52	122	531690	72.79	ng	86
28) bis(2-Chloroethoxy)methane	9.76	93	762630	71.34	ng	# 94
29) 2,4-Dichlorophenol	9.98	162	610588	89.34	ng	97
30) 1,2,4-Trichlorobenzene	10.19	180	750537	99.21	ng	99
31) Naphthalene	10.37	128	2130969	85.67	ng	99
32) Benzoic acid	9.76	122	447830	99.11	ng	# 75
33) 4-Chloroaniline	10.50	127	905853	83.24	ng	# 86
34) Hexachlorobutadiene	10.65	225	493528	114.49	ng	97
35) Caprolactam	11.34	113	206898m	84.06	ng	
36) 4-Chloro-3-methylphenol	11.64	107	751036	93.57	ng	86
37) 2-Methylnaphthalene	11.99	142	1635542	94.46	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	946160	97.42	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	534621	120.07	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	582132	90.54	ng	99
43) 2,4,5-Trichlorophenol	12.70	196	660034	101.08	ng #	85
45) 1,1'-Biphenyl	13.03	154	2418617	84.41	ng	97
46) 2-Chloronaphthalene	13.07	162	1813877	85.22	ng #	94
47) 2-Nitroaniline	13.30	65	661387	105.86	ng #	77
48) Acenaphthylene	13.93	152	3014992	90.91	ng	99
49) Dimethylphthalate	13.69	163	2436635	95.01	ng #	98
50) 2,6-Dinitrotoluene	13.81	165	515376	106.13	ng #	72
51) Acenaphthene	14.27	154	1832357	85.09	ng	98
52) 3-Nitroaniline	14.15	138	542371	85.99	ng #	77
53) 2,4-Dinitrophenol	14.36	184	274555	175.31	ng	90
54) Dibenzofuran	14.61	168	2895388	97.50	ng #	90
55) 4-Nitrophenol	14.47	139	384849	78.40	ng #	75
56) 2,4-Dinitrotoluene	14.61	165	796508	125.26	ng #	89
57) Fluorene	15.26	166	2590161	100.05	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	608872	115.24	ng #	100
59) Diethylphthalate	15.06	149	2728035	103.24	ng	97
60) 4-Chlorophenyl-phenylether	15.26	204	1321149	109.41	ng	96
61) 4-Nitroaniline	15.32	138	538246	82.09	ng #	26
62) Azobenzene	15.56	77	2693725	113.12	ng	86
64) 4,6-Dinitro-2-methylphenol	15.37	198	456463	160.39	ng	92
65) n-Nitrosodiphenylamine	15.49	169	2183904	88.08	ng	97
66) 4-Bromophenyl-phenylether	16.16	248	790884	95.55	ng #	86
67) Hexachlorobenzene	16.27	284	860011	88.54	ng #	84
68) Atrazine	16.45	200	800375	110.14	ng	99
69) Pentachlorophenol	16.62	266	564510	105.87	ng	97
70) Phenanthrene	17.00	178	4060954	92.67	ng	99
71) Anthracene	17.10	178	4008130	90.96	ng	99
72) Carbazole	17.38	167	3714837	87.48	ng	99
73) Di-n-butylphthalate	17.94	149	4987410	101.09	ng #	98
74) Fluoranthene	19.03	202	4769994	95.40	ng	100
76) Benzidine	19.23	184	2054347	133.19	ng	100
77) Pyrene	19.40	202	4846685	101.21	ng	99
79) Butylbenzylphthalate	20.31	149	2168588	102.51	ng #	83
80) Benzo(a)anthracene	21.16	228	4275654	97.82	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	1624496	97.90	ng	99
82) Chrysene	21.21	228	4078839	99.01	ng	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	3293816	106.20	ng	98
84) Di-n-octyl phthalate	21.96	149	4314276	82.52	ng	97
85) Indeno(1,2,3-cd)pyrene	25.53	276	2813263	73.21	ng	98
87) Benzo(b)fluoranthene	22.70	252	3454323	98.22	ng #	94
88) Benzo(k)fluoranthene	22.74	252	3359468	99.63	ng #	96
89) Benzo(a)pyrene	23.26	252	2985234	94.11	ng	99
90) Dibenzo(a,h)anthracene	25.53	278	2410184	88.78	ng #	94
91) Benzo(g,h,i)perylene	26.19	276	2206950	84.12	ng #	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

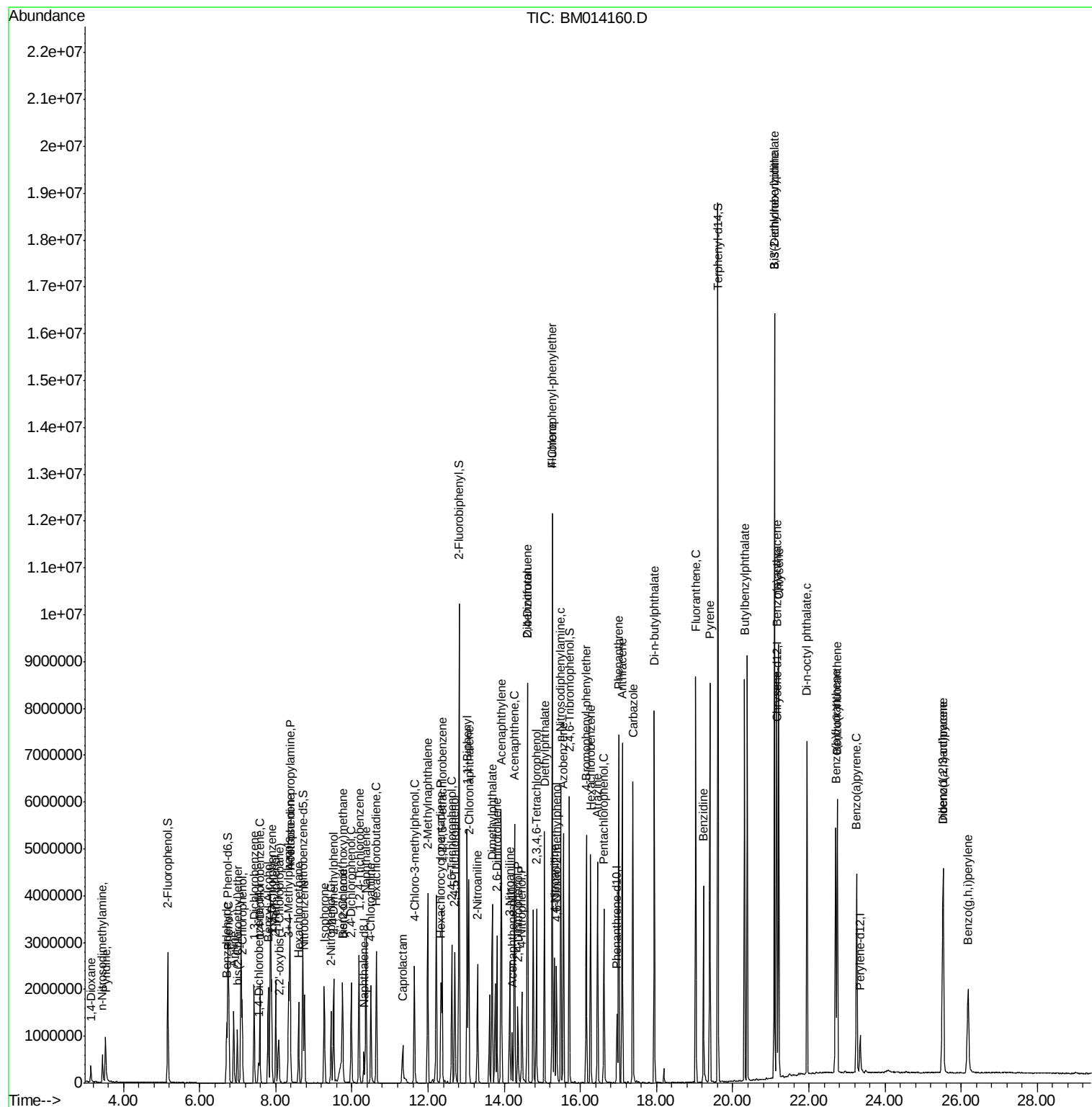
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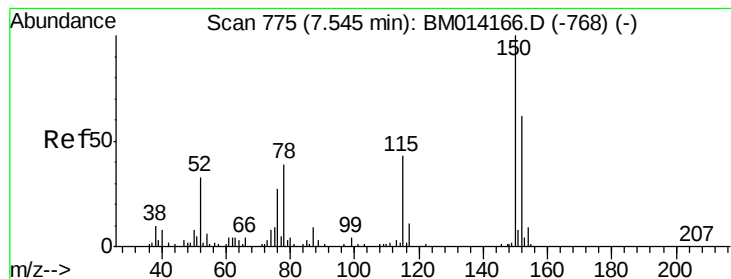
Instrument :
BNA_M
Client Sampled :
SSTDICC080

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 775

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

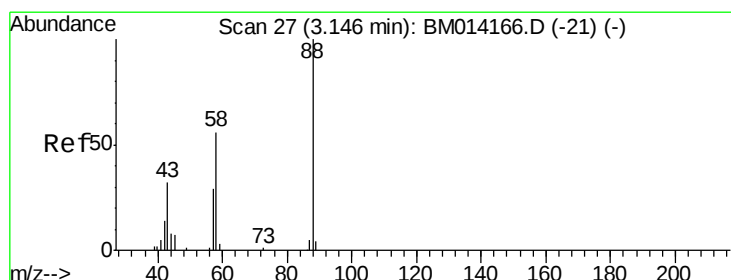
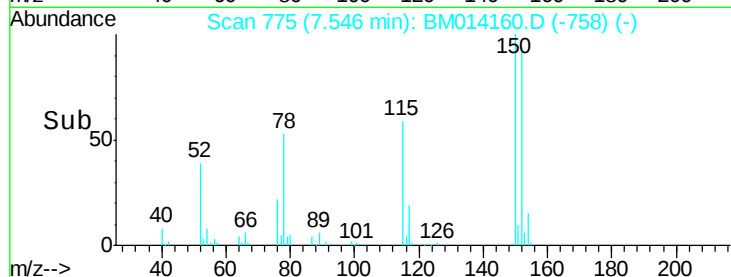
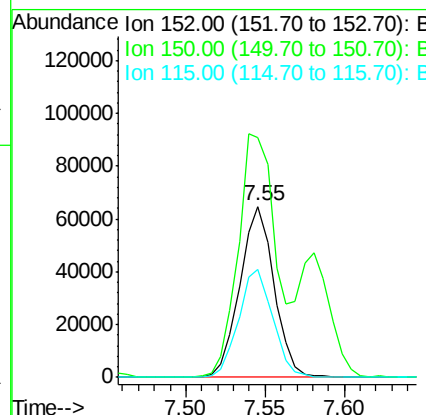
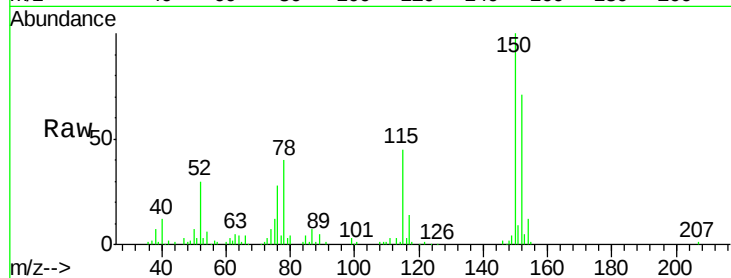
ClientSampleId :

SSTDIC080

Tgt Ion:	152	Resp:	96675
Ion Ratio	Lower	Upper	
152	100		
150	140.2	119.5	179.3
115	62.8	43.0	64.4

Manual Integrations
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#2

1,4-Dioxane

Concen: 71.37 ng

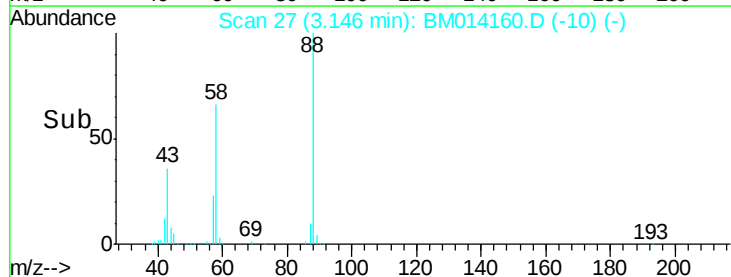
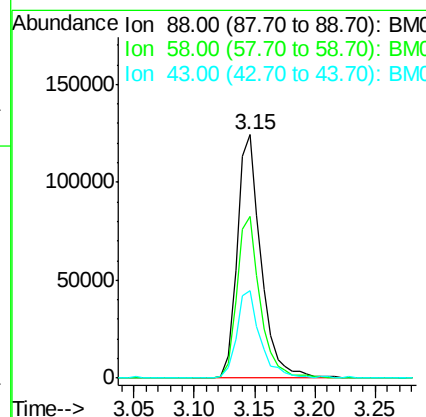
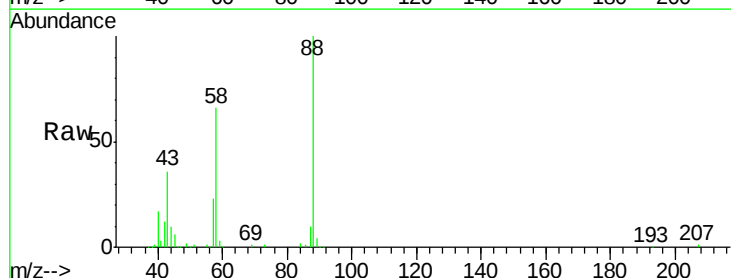
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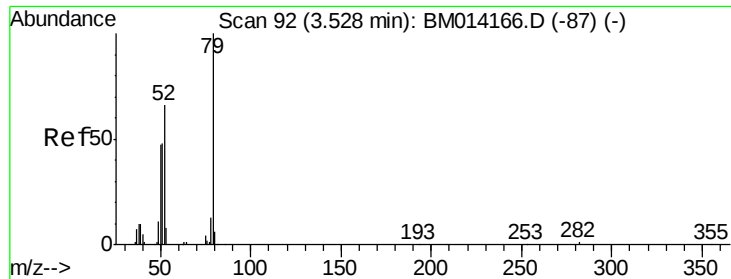
Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	88	Resp:	170849
Ion Ratio	Lower	Upper	
88	100		
58	64.8	0.0	0.0#
43	35.8	0.0	0.0#





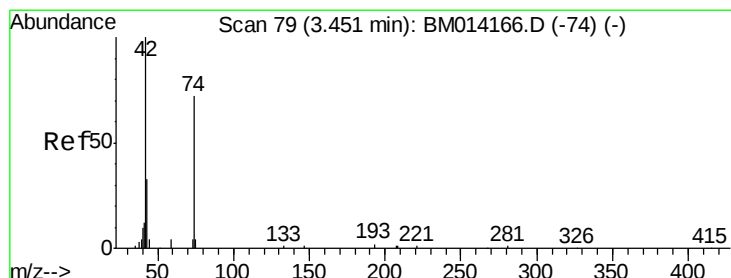
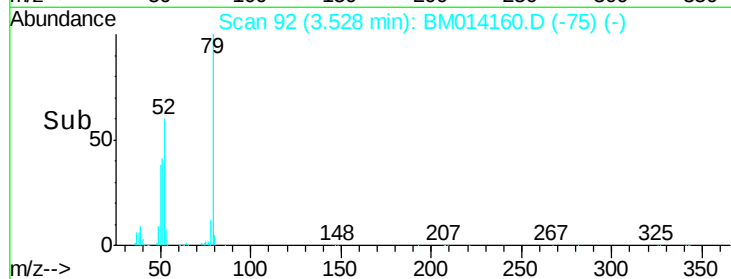
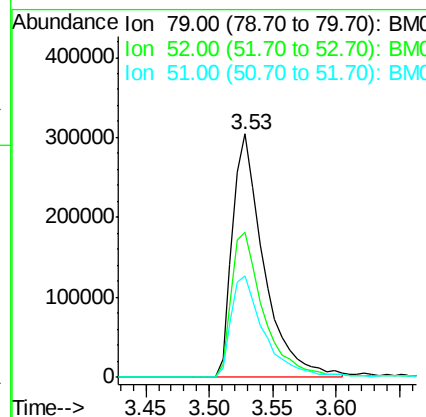
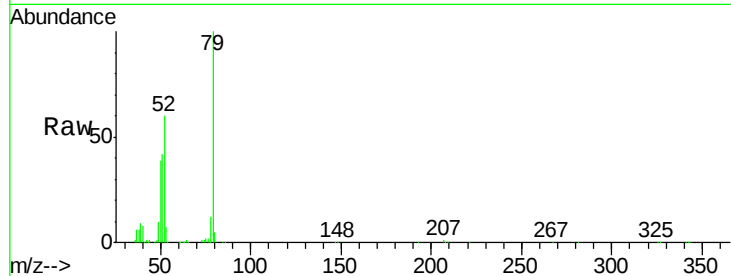
#3
 Pyridine
 Concen: 71.37 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.8	51.1	76.7
51	41.7	26.1	39.1#

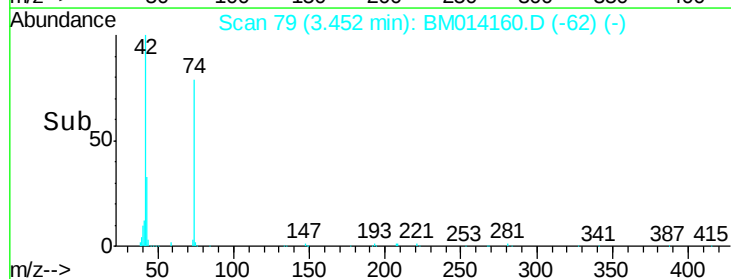
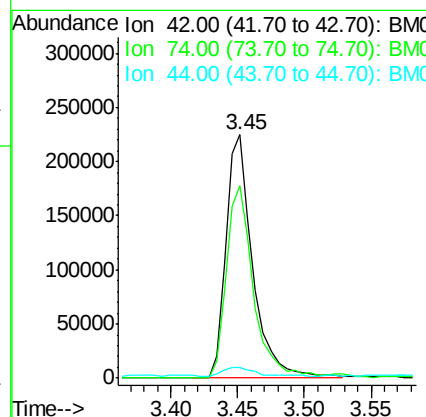
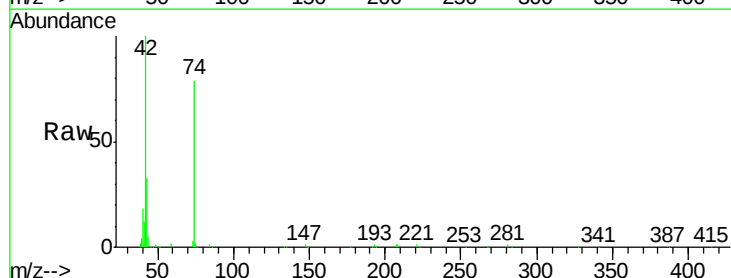
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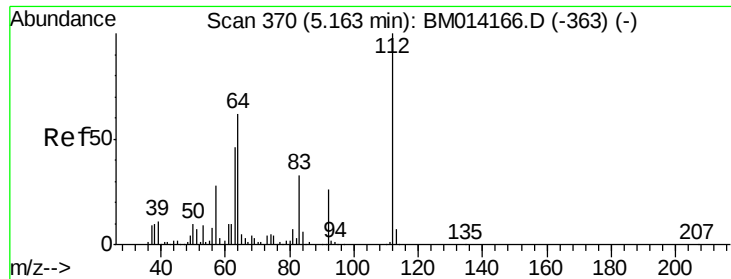
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#4
 n-Nitrosodimethylamine
 Concen: 84.55 ng
 RT: 3.45 min Scan# 79
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	79.0	119.3	178.9#
44	4.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 167.78 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

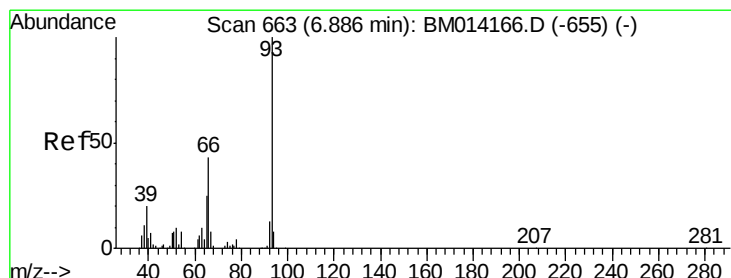
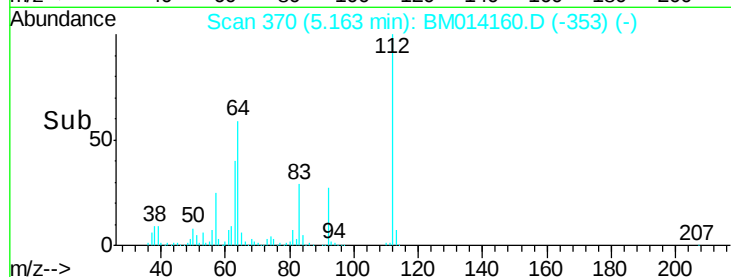
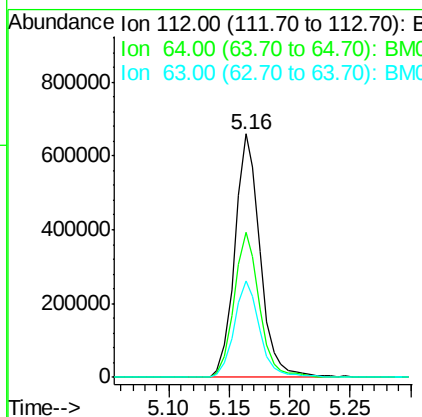
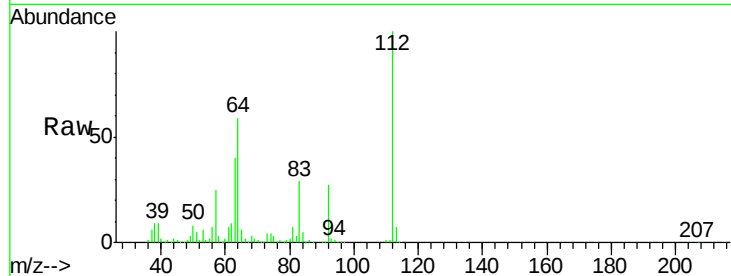
ClientSampleId :

SSTDICC080

Tgt	Ion	112	Resp:	963578
Ion	Ratio	Lower	Upper	
112	100			
64	59.5	38.6	57.8#	
63	39.6	19.3	28.9#	

Manual Integrations
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#6

Aniline

Concen: 80.73 ng

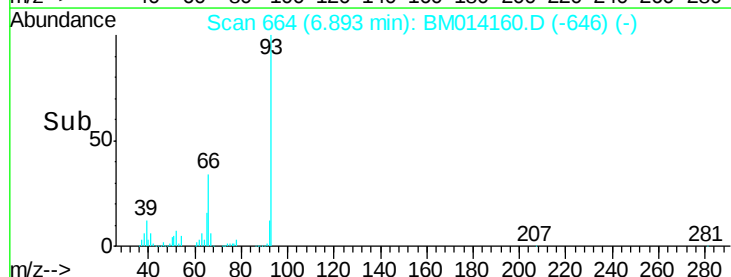
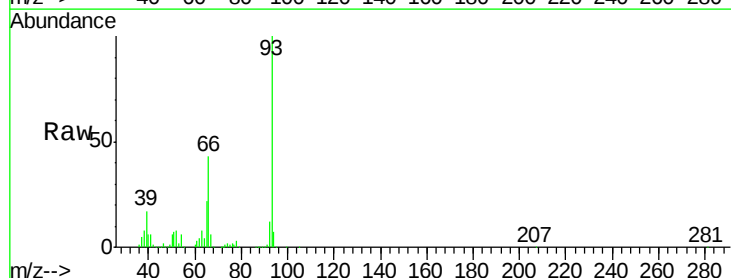
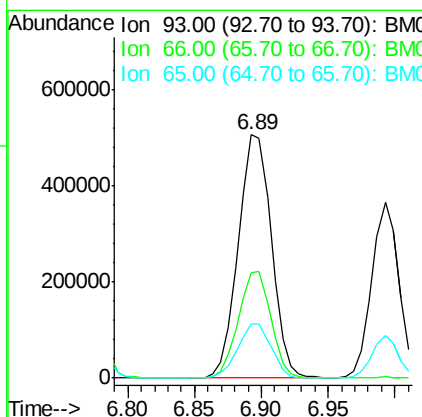
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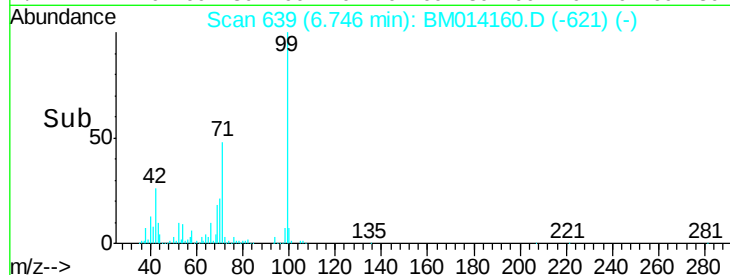
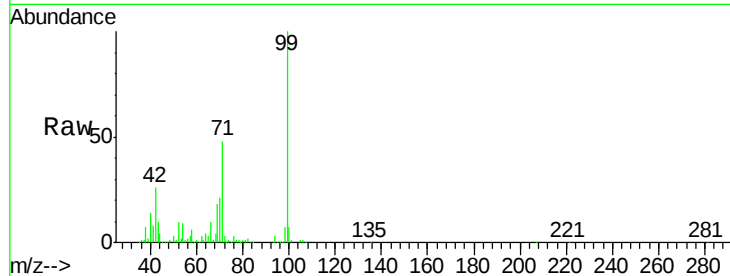
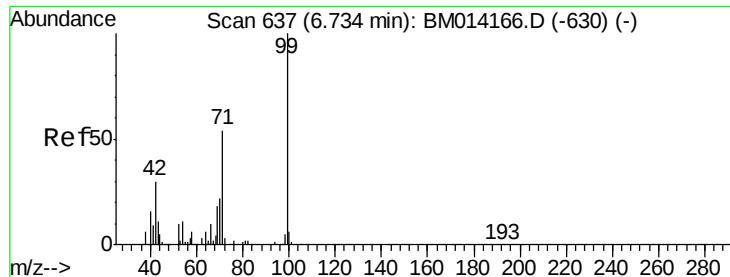
Delta R.T. 0.01 min

Lab File: BM014160.D

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Tgt	Ion	93	Resp:	873199
Ion	Ratio	Lower	Upper	
93	100			
66	43.2	30.8	46.2	
65	22.1	16.0	24.0	





#7

Phenol-d6

Concen: 174.73 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	99	Resp:	1391483
Ion	Ratio	Lower	Upper
99	100		
42	25.8	11.0	16.4#
71	48.2	23.4	35.2#

Instrument :

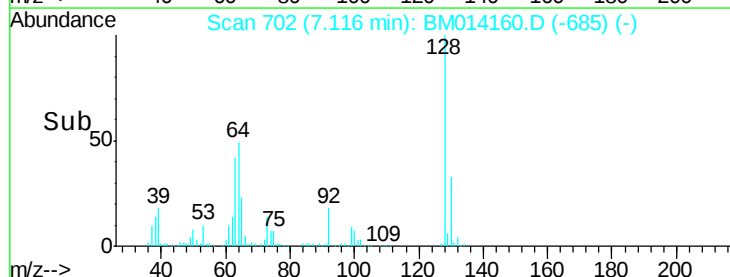
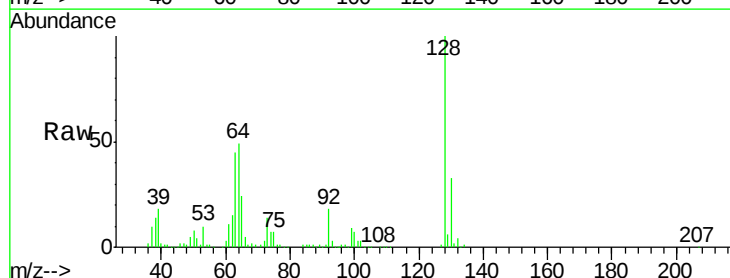
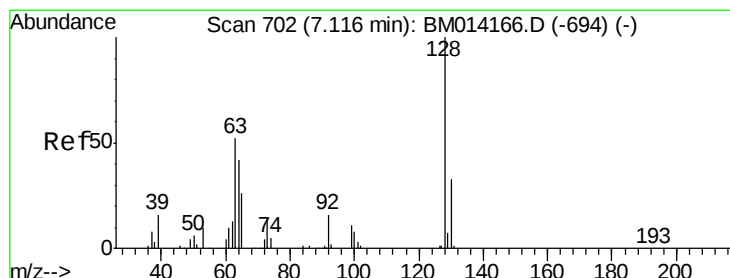
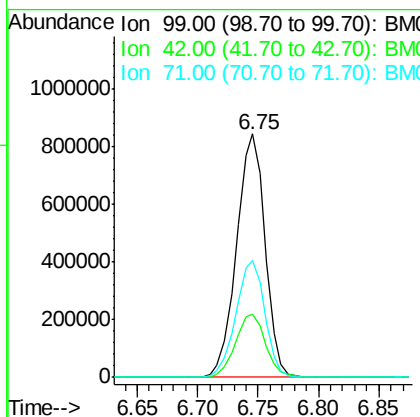
BNA_M

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SSTDIC080

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#8

2-Chlorophenol

Concen: 81.80 ng

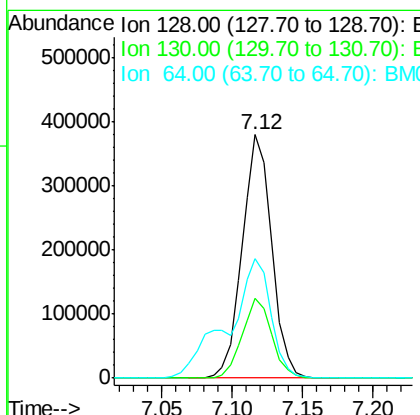
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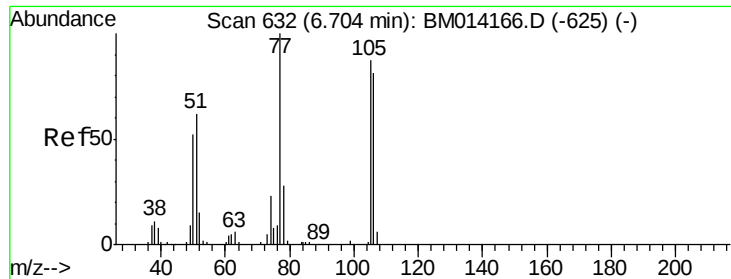
Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	128	Resp:	553874
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	49.1	24.9	64.9





#9

Benzaldehyde

Concen: 86.83 ng

RT: 6.71 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

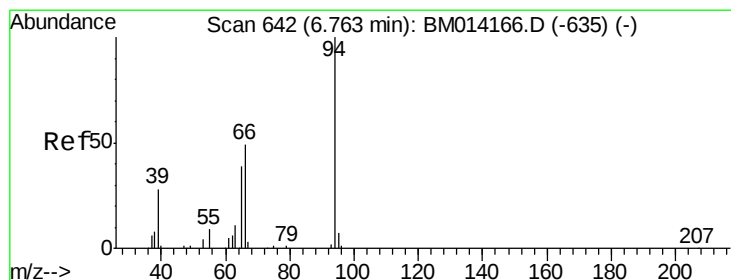
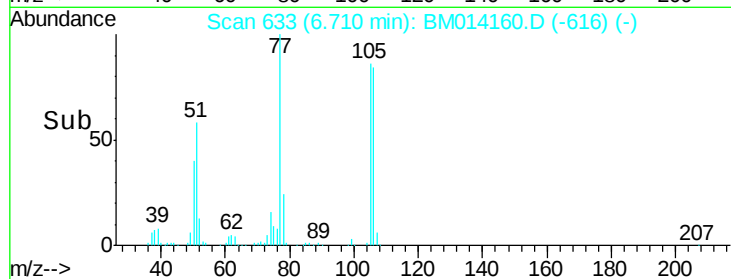
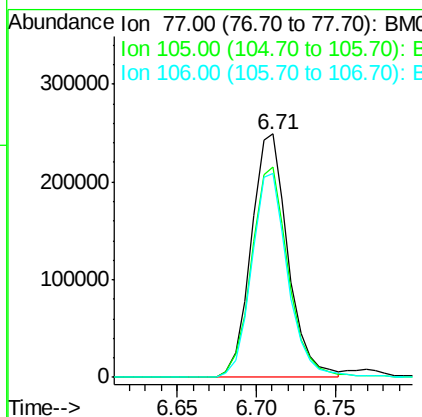
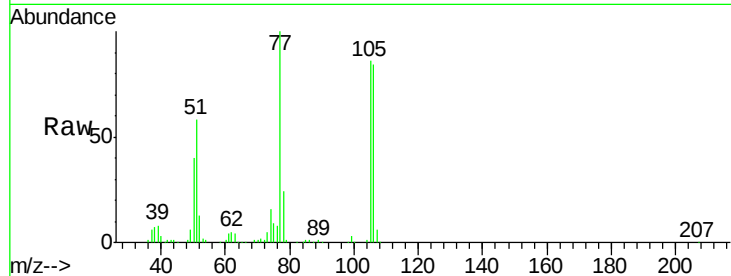
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Tgt Ion:	77	Resp:	401944
Ion	Ratio	Lower	Upper
77	100		
105	86.4	78.8	118.8
106	83.9	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 79.36 ng

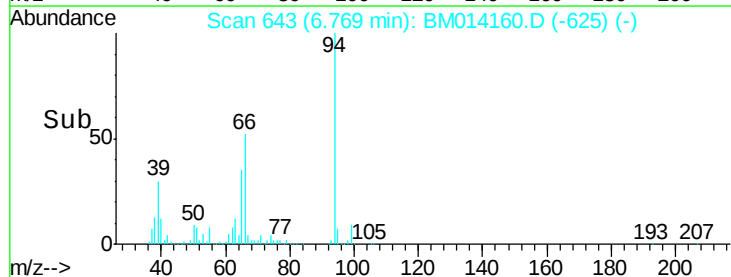
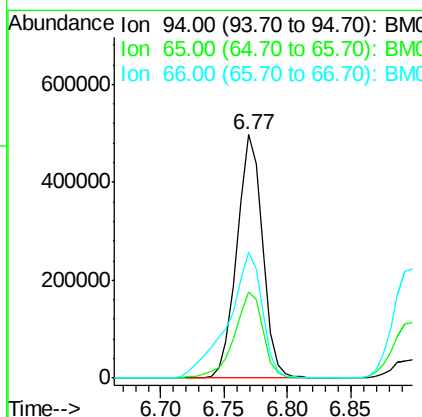
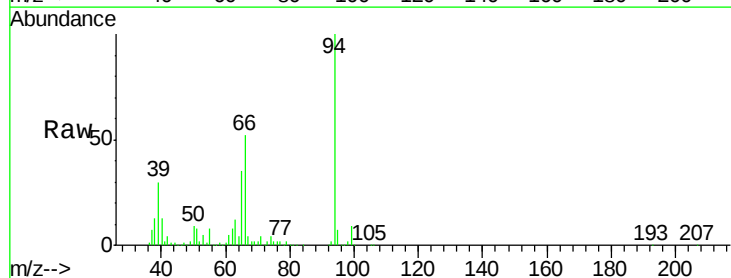
RT: 6.77 min Scan# 643

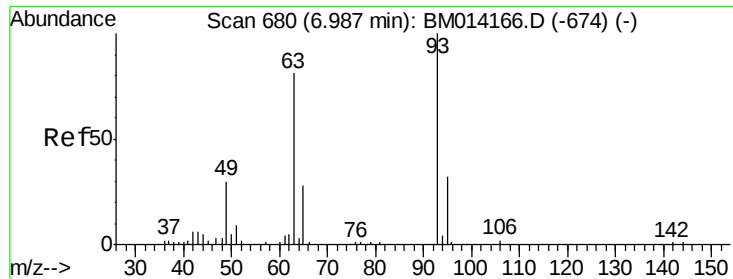
Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	94	Resp:	694778
Ion	Ratio	Lower	Upper
94	100		
65	35.4	18.8	58.8
66	51.8	39.9	79.9





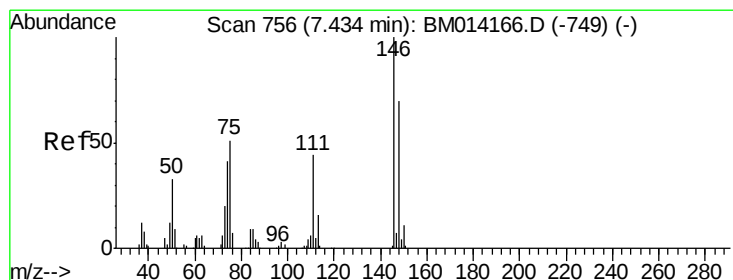
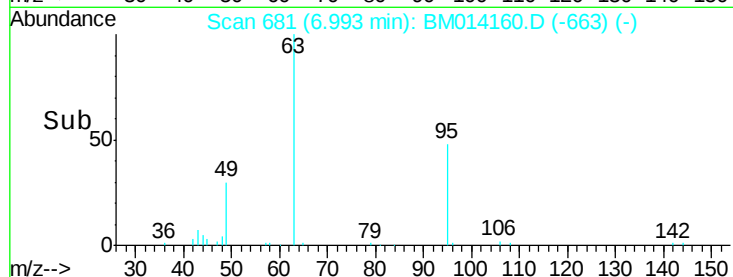
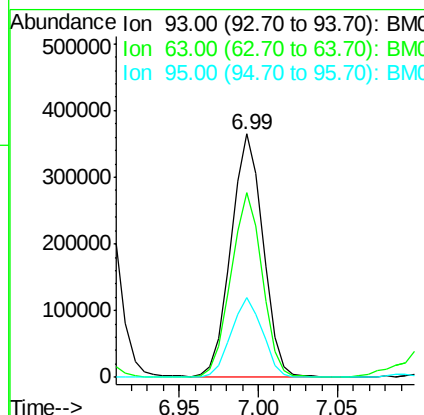
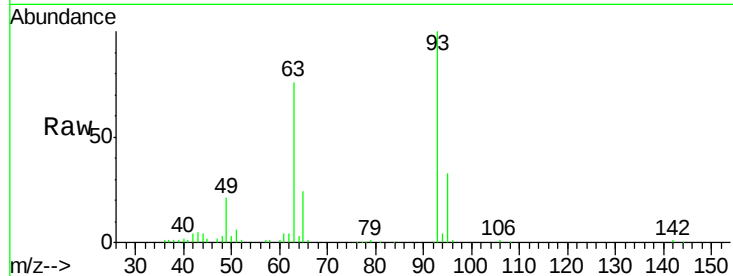
#11
bis(2-Chloroethyl)ether
Concen: 72.96 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	75.7	49.5	89.5
95	33.0	13.5	53.5

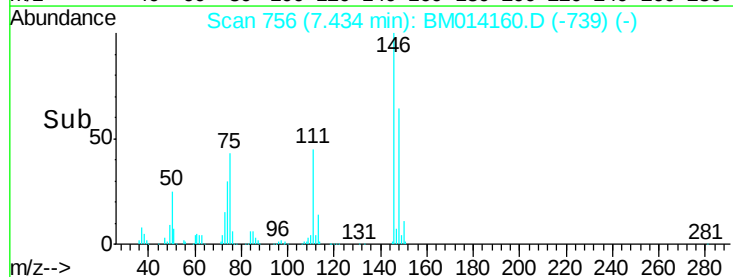
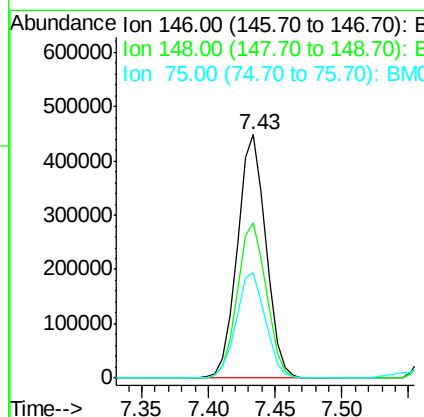
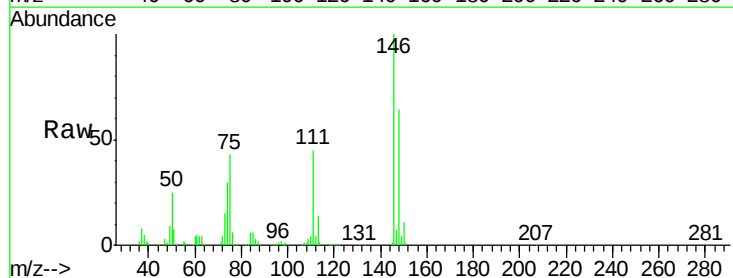
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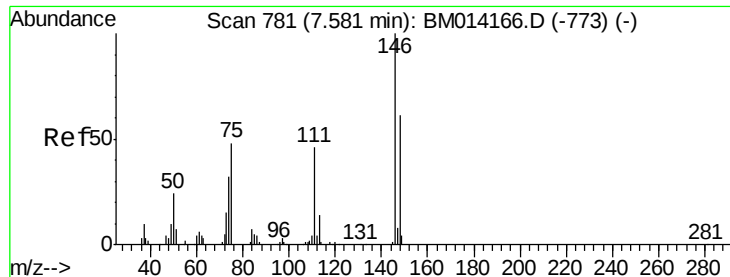
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#12
1,3-Dichlorobenzene
Concen: 86.13 ng
RT: 7.43 min Scan# 756
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.8	50.9	76.3
75	43.2	21.4	32.2





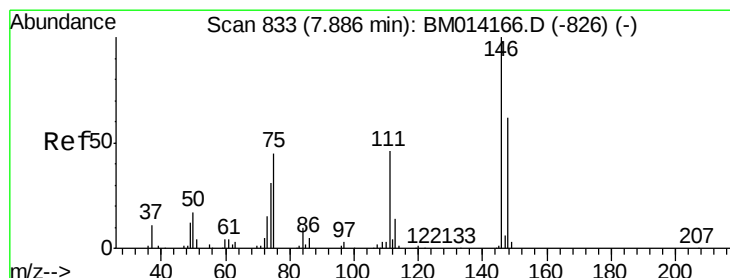
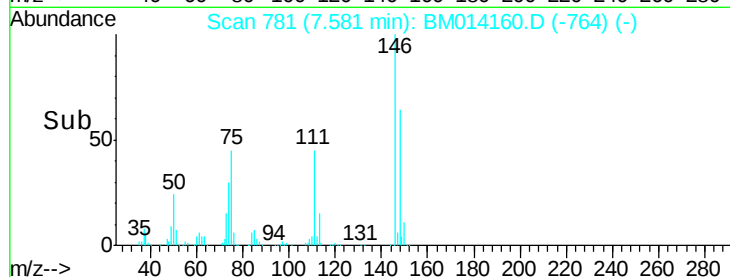
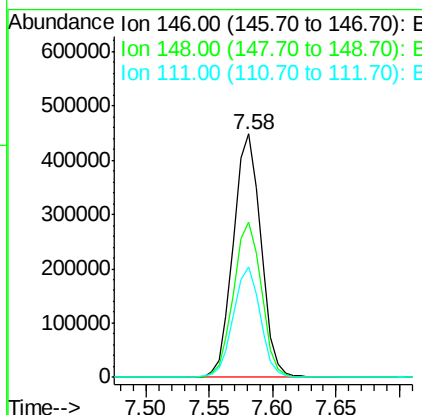
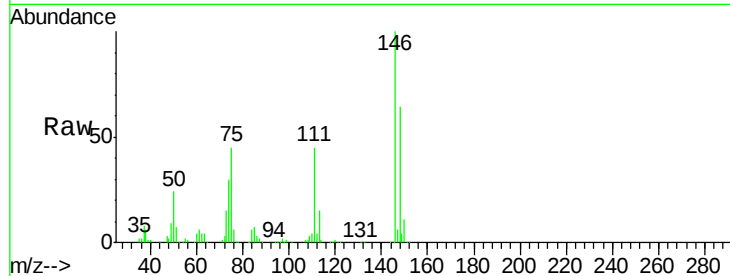
#13
 1,4-Dichlorobenzene
 Concen: 85.91 ng
 RT: 7.58 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	45.1	29.2	43.8

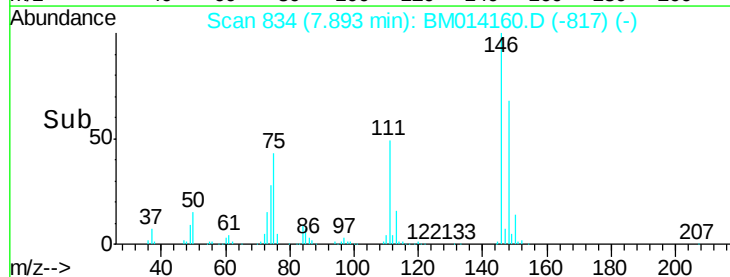
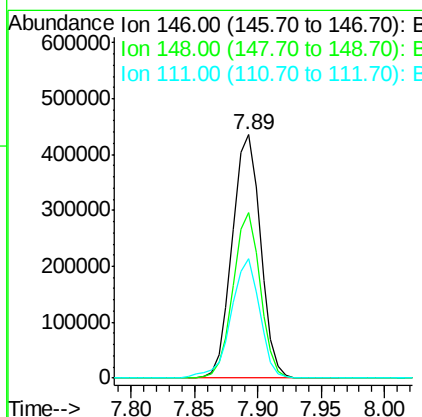
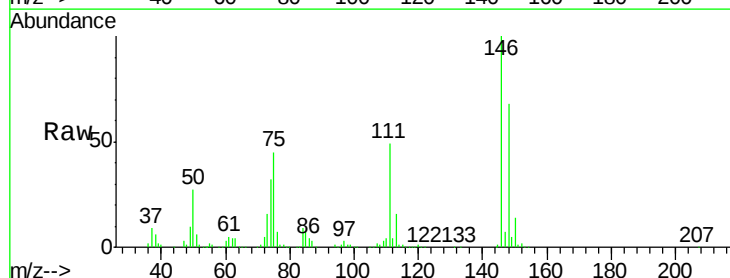
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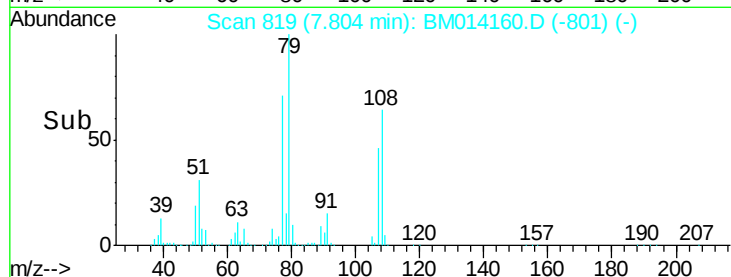
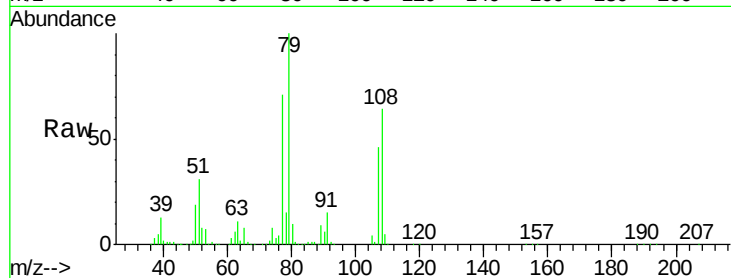
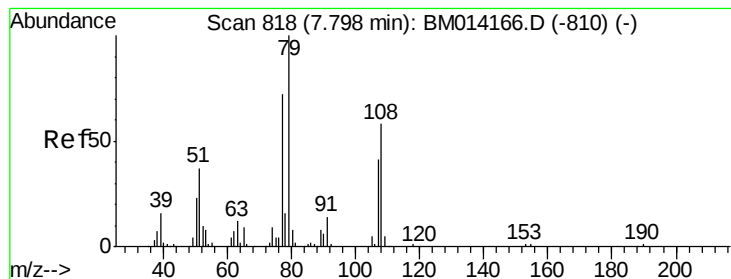
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 2/8/2018 3:50:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 88.39 ng
 RT: 7.89 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	52.3	78.5
111	49.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 111.25 ng

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	79	Resp:	640559
Ion Ratio	Lower	Upper	
79	100		
108	64.0	65.0	97.4#
77	70.5	53.0	79.6

Instrument :

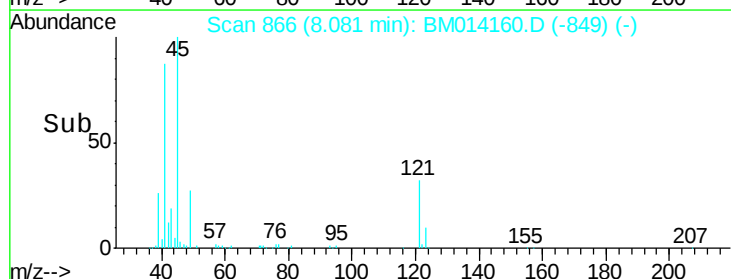
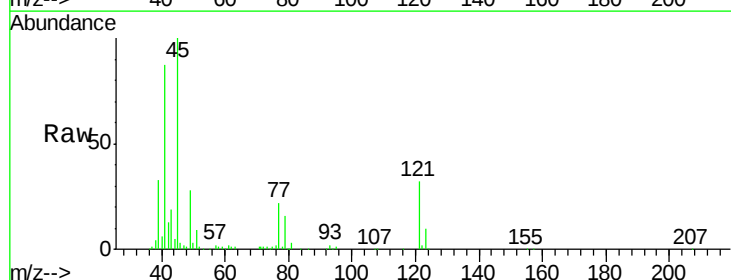
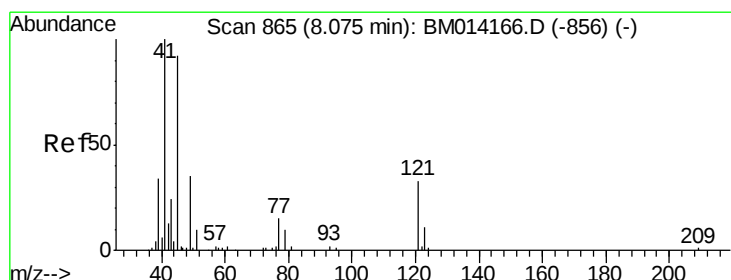
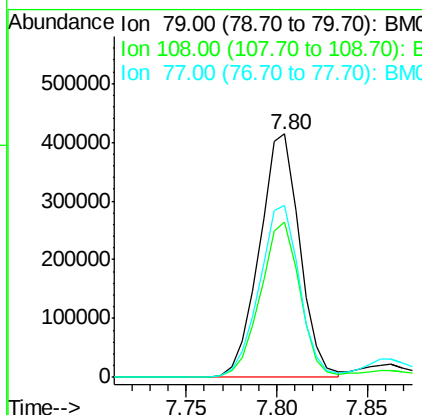
BNA_M

ClientSampleId :

SSTDICC080

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.23 ng

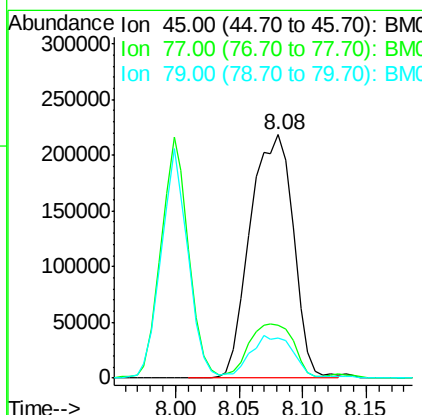
RT: 8.08 min Scan# 866

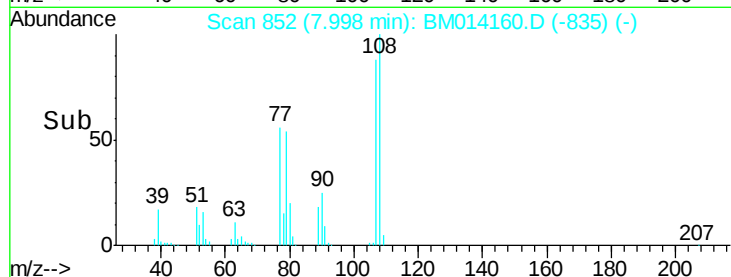
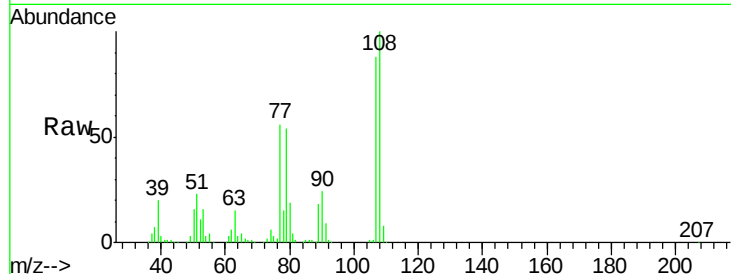
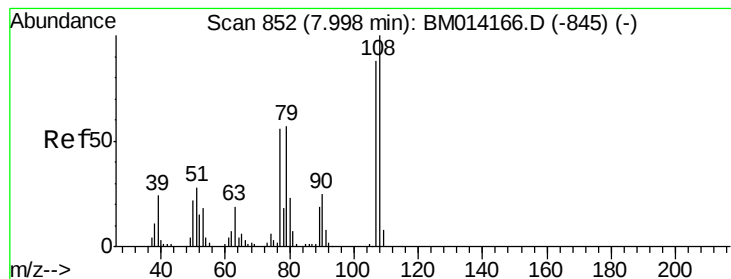
Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	45	Resp:	517531
Ion Ratio	Lower	Upper	
45	100		
77	21.9	0.0	35.2
79	16.4	0.0	32.0





#17

2-Methylphenol

Concen: 93.07 ng

RT: 8.00 min Scan# 852

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

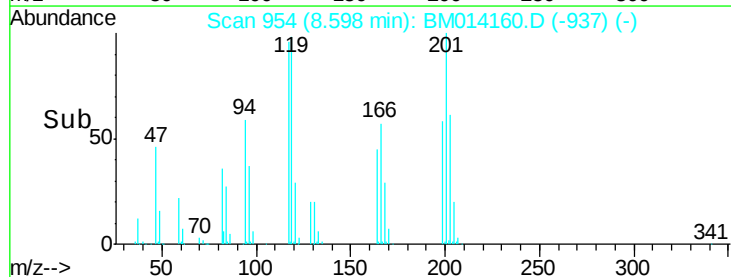
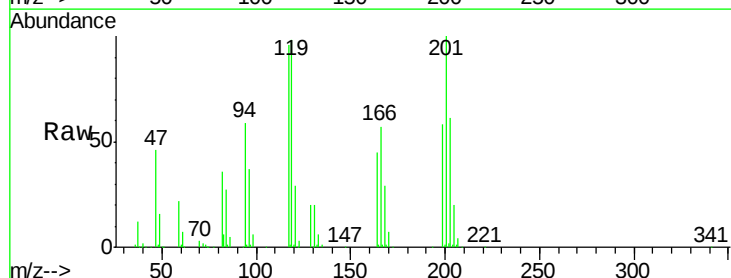
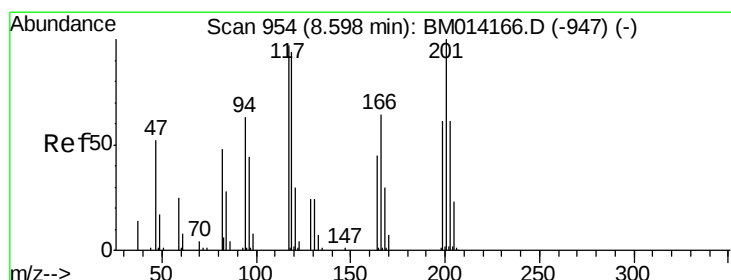
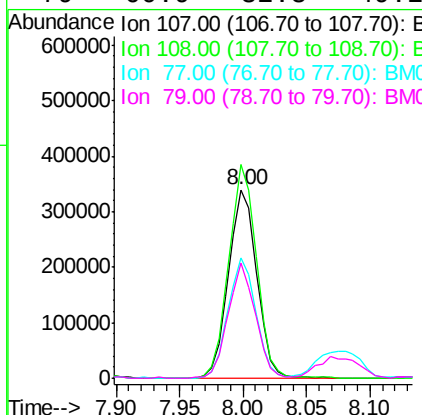
ClientSampleId :

SSTDICC080

Tgt	Ion	Resp	Lower	Upper
107	100			
108	113.4	89.8	134.8	
77	63.7	32.6	48.8	#
79	60.9	32.8	49.2	#

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#18

Hexachloroethane

Concen: 101.25 ng

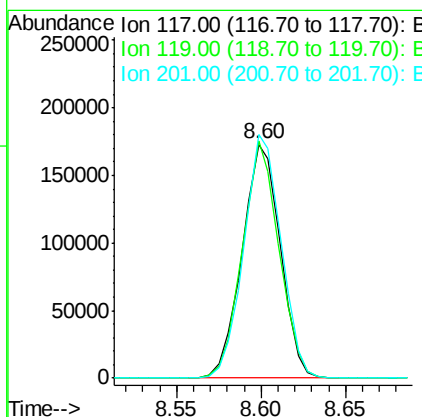
RT: 8.60 min Scan# 954

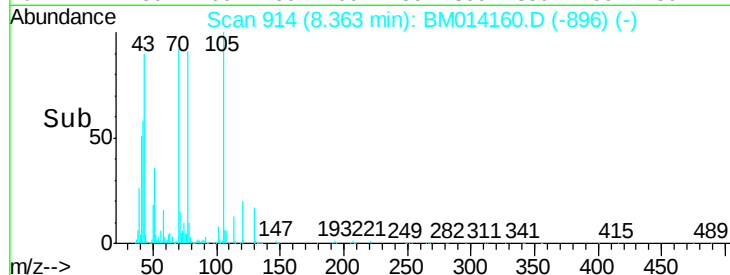
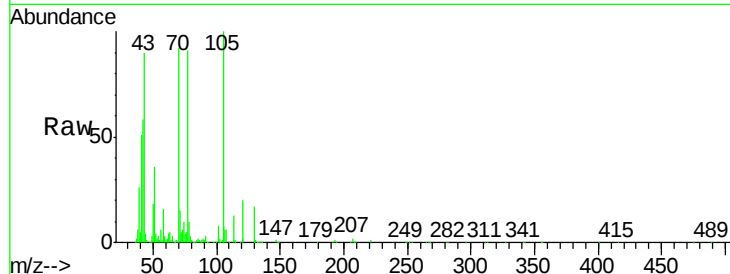
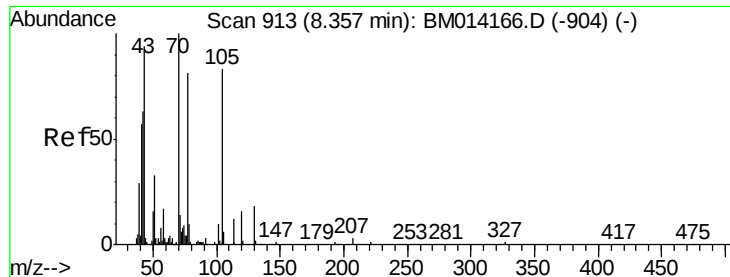
Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt	Ion	Resp	Lower	Upper
117	100			
119	101.7	79.2	118.8	
201	104.3	69.8	104.6	





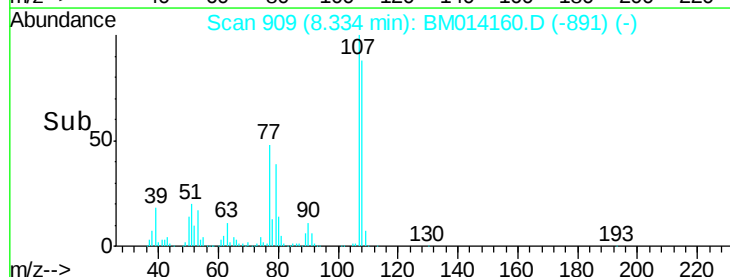
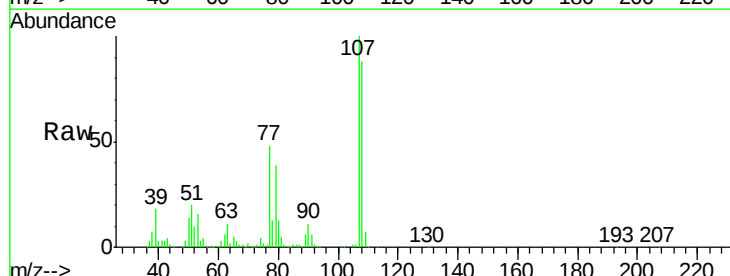
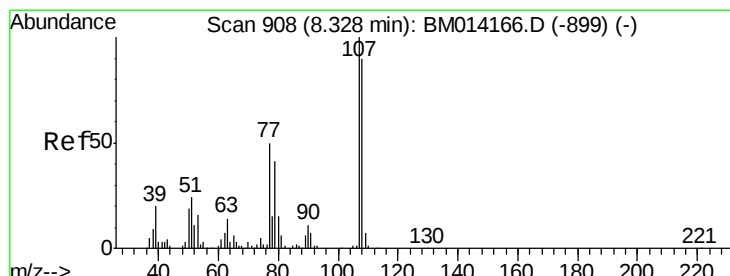
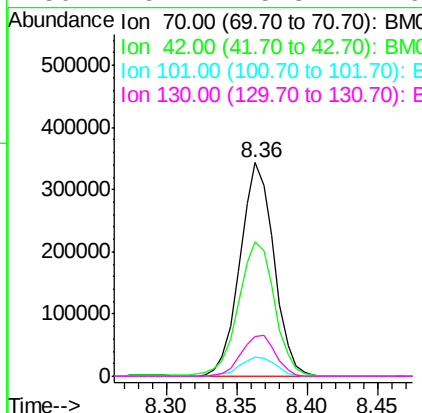
#19
n-Nitroso-di-n-propylamine
Concen: 98.56 ng
RT: 8.36 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.2	44.5	66.7
101	9.3	7.4	11.2
130	18.4	15.3	22.9

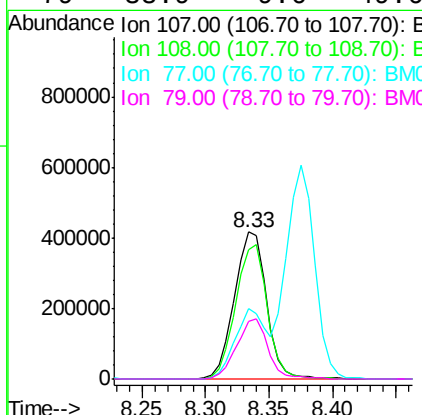
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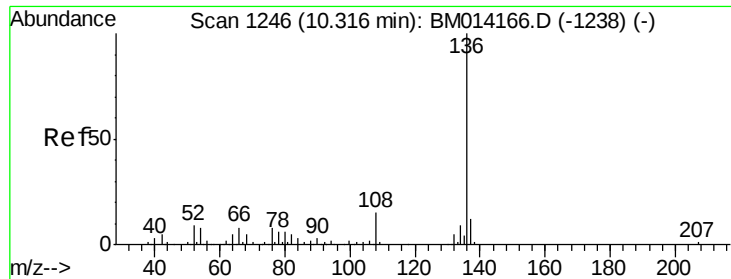
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#20
3+4-Methylphenols
Concen: 94.38 ng
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.2	113.2
77	47.9	10.7	50.7
79	38.9	9.6	49.6





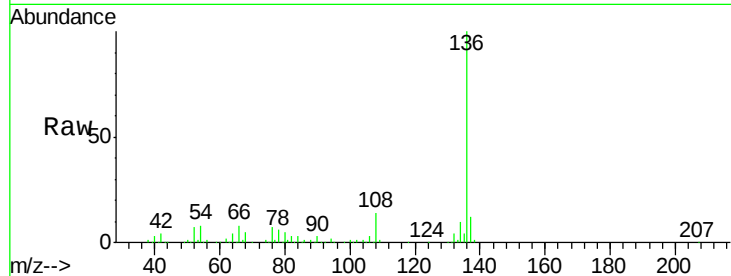
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

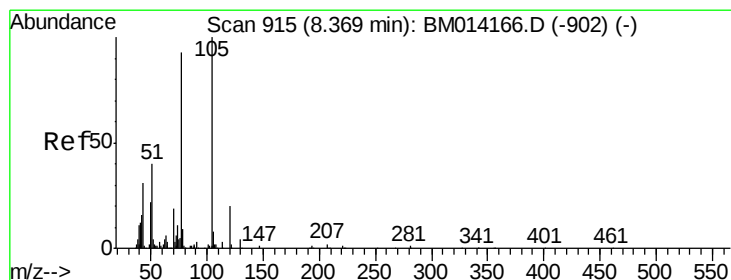
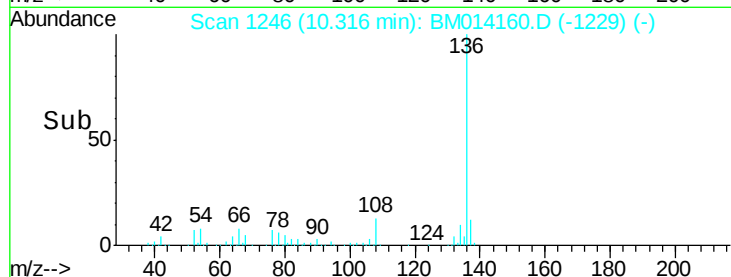
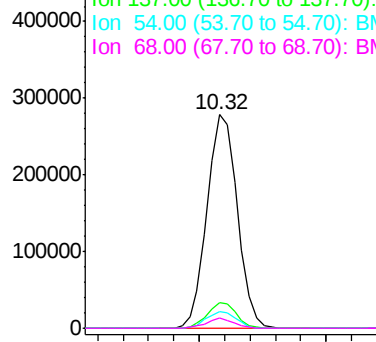
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	460733		
137	11.8	8.7	13.1	
54	7.9	4.6	6.8#	
68	5.0	3.7	5.5	

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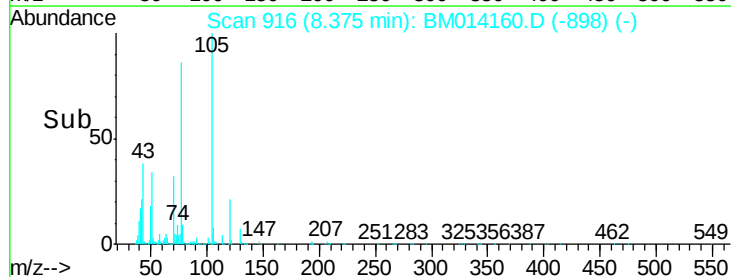
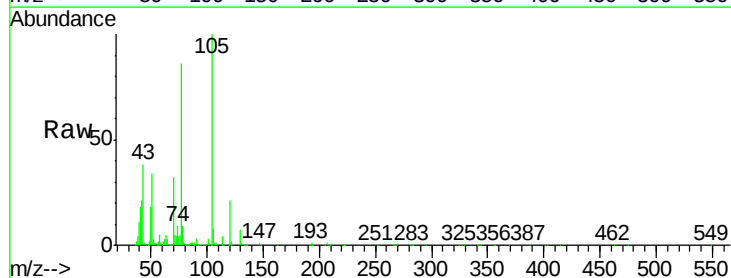
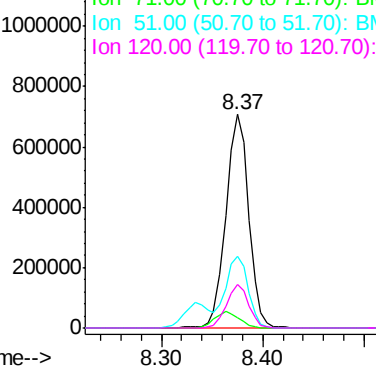
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

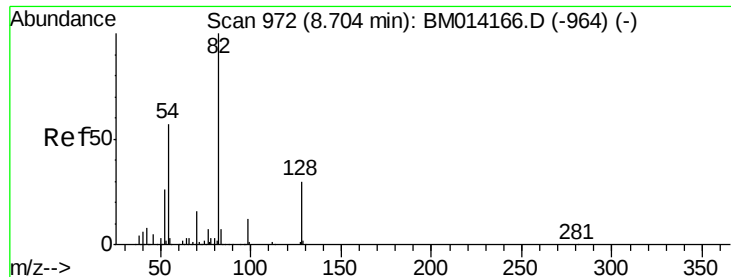


#22
Acetophenone
Concen: 96.94 ng
RT: 8.37 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1109794		
71	5.0	0.6	1.0#	
51	33.8	21.6	32.4#	
120	20.6	16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





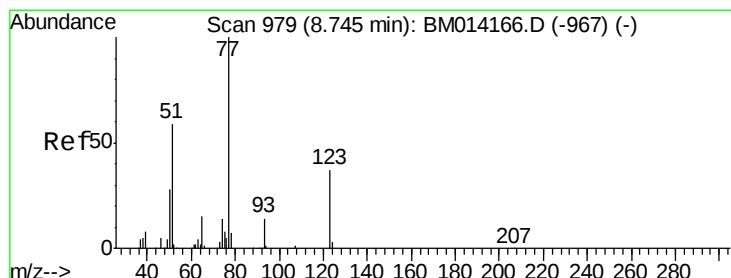
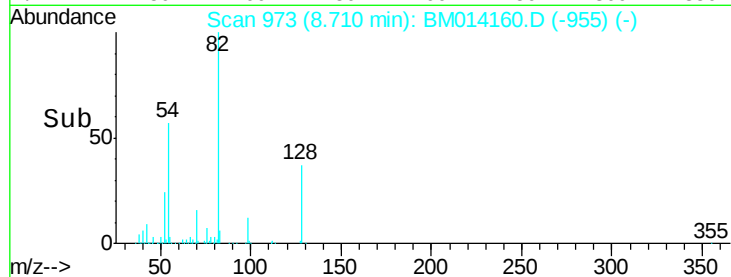
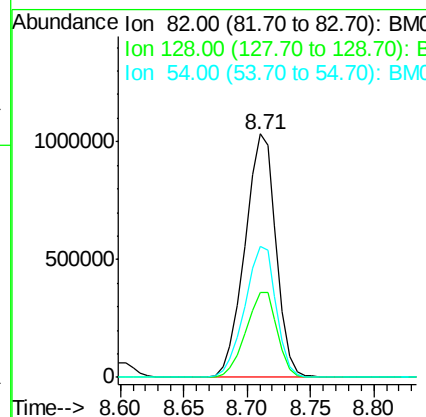
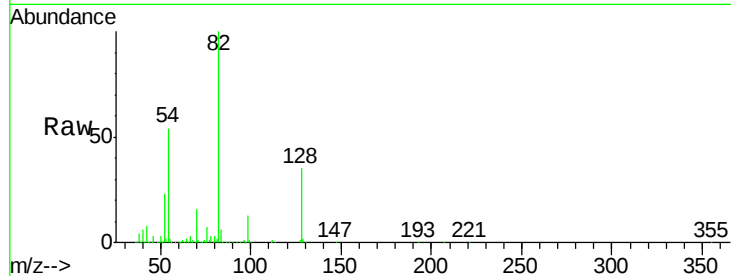
#23
 Nitrobenzene-d5
 Concen: 251.27 ng
 RT: 8.71 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion: 82 Resp: 1756802
 Ion Ratio Lower Upper
 82 100
 128 34.6 32.8 49.2
 54 53.7 40.6 60.8

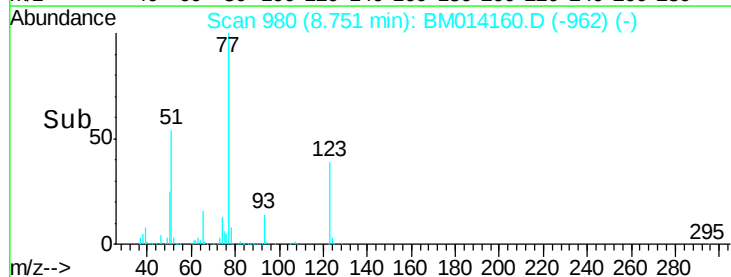
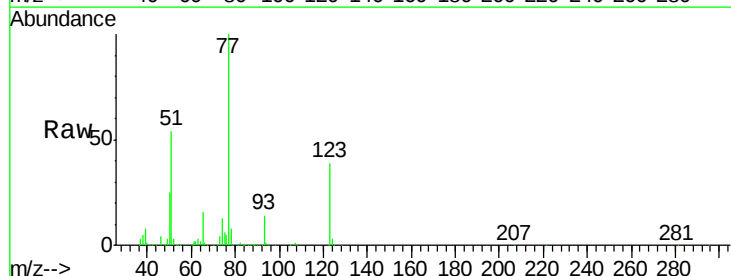
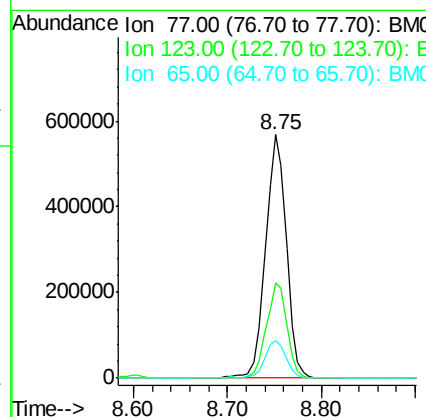
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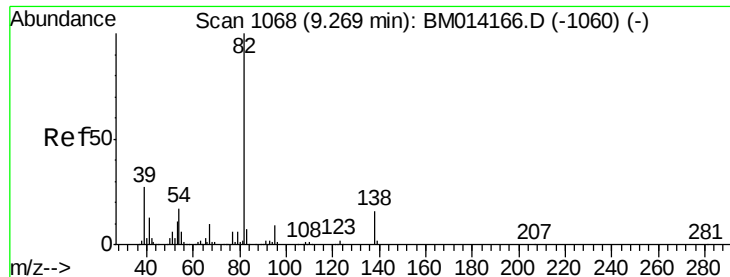
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#24
 Nitrobenzene
 Concen: 112.69 ng
 RT: 8.75 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion: 77 Resp: 868149
 Ion Ratio Lower Upper
 77 100
 123 38.9 32.6 49.0
 65 15.6 10.9 16.3





#25

Isophorone

Concen: 91.47 ng

RT: 9.27 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion: 82 Resp: 1432969

Ion Ratio Lower Upper

82 100

95 9.6 5.8 8.6#

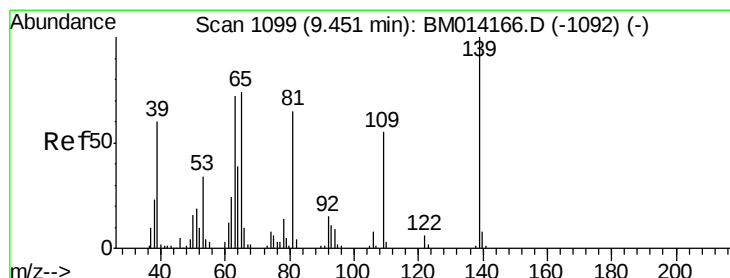
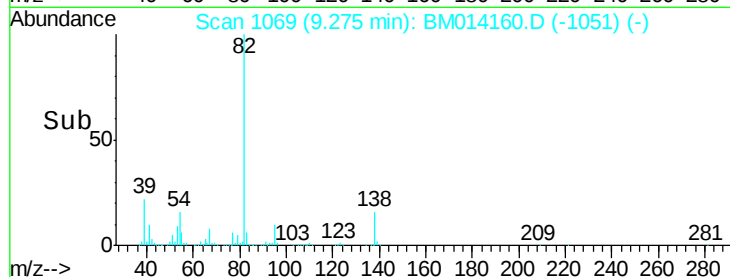
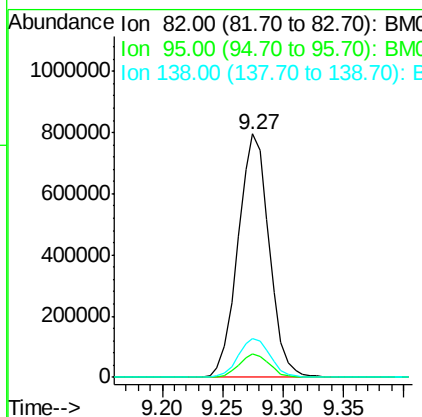
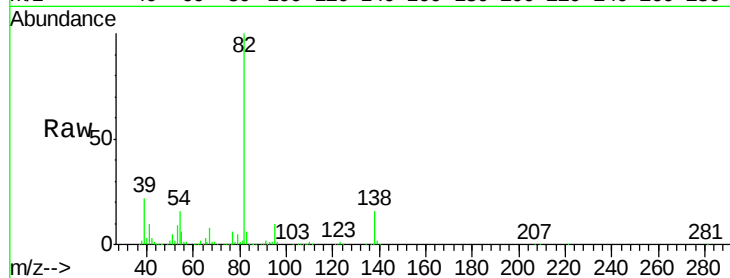
138 16.1 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 112.80 ng

RT: 9.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

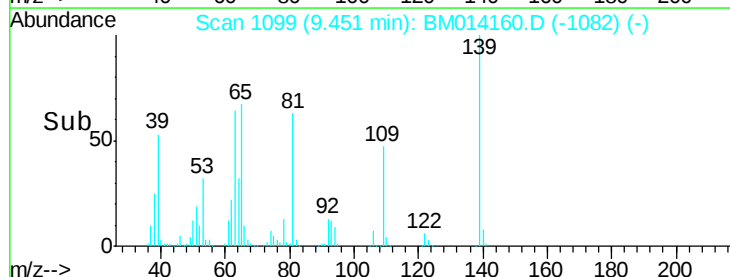
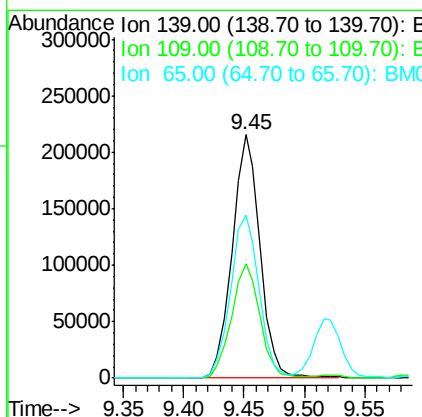
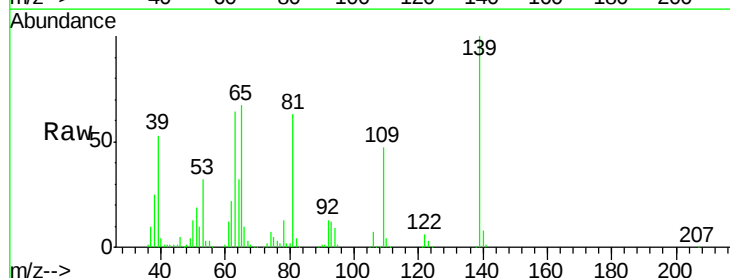
Tgt Ion: 139 Resp: 346561

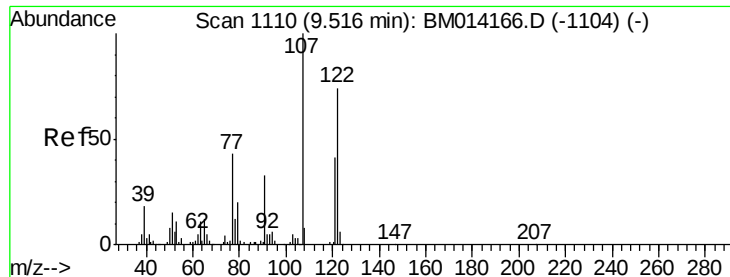
Ion Ratio Lower Upper

139 100

109 46.8 20.1 30.1#

65 67.1 31.5 47.3#





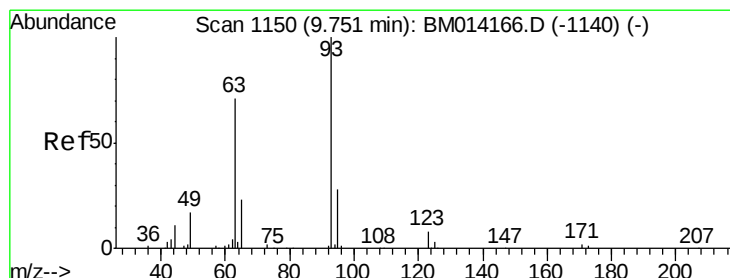
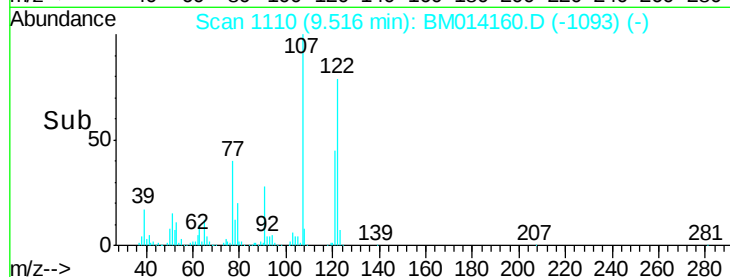
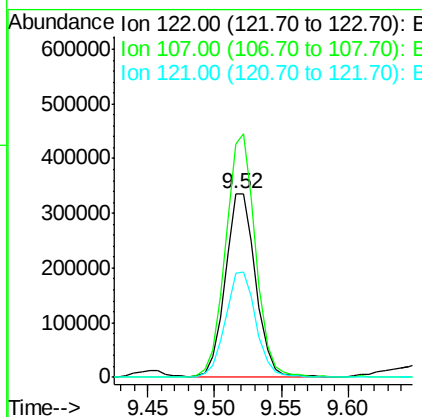
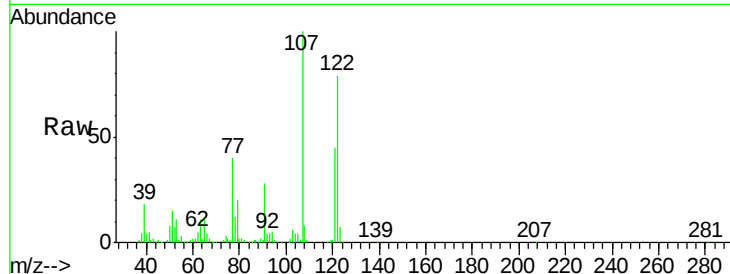
#27
 2,4-Dimethylphenol
 Concen: 72.79 ng
 RT: 9.52 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	531690		
107	127.0	84.7	127.1	
121	57.0	46.6	69.8	

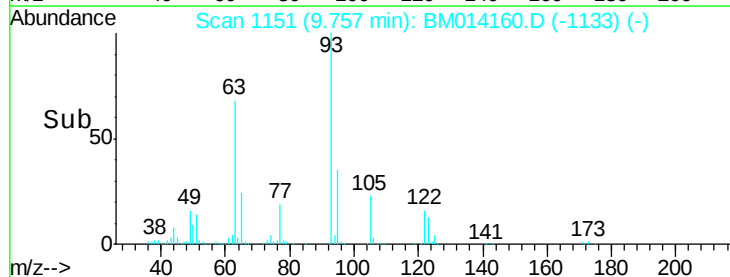
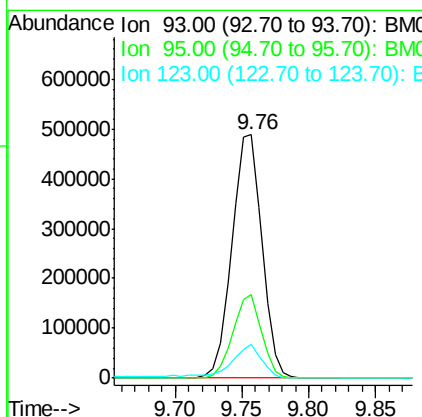
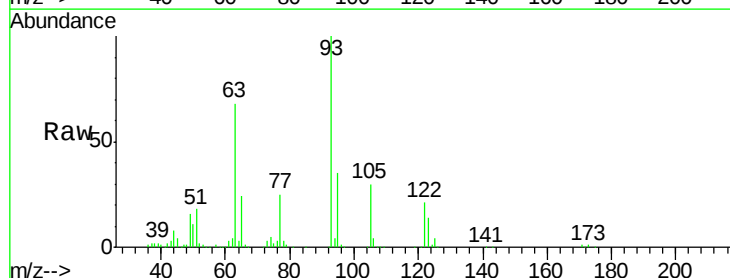
Manual Integrations
 APPROVED

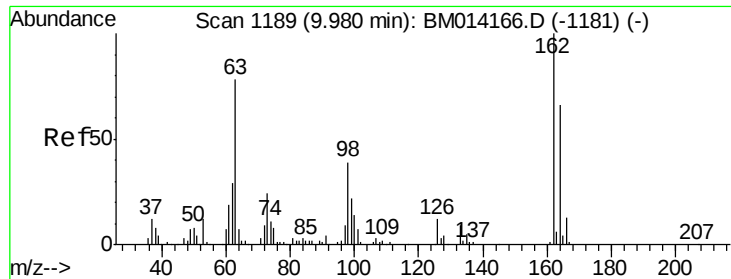
Sohil
 2/8/2018 3:50:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 71.34 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	762630		
95	34.6	25.5	38.3	
123	13.7	8.6	13.0#	





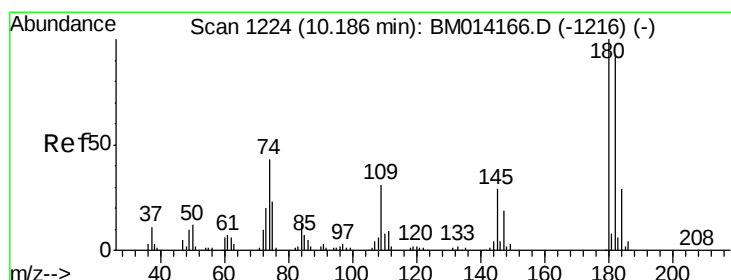
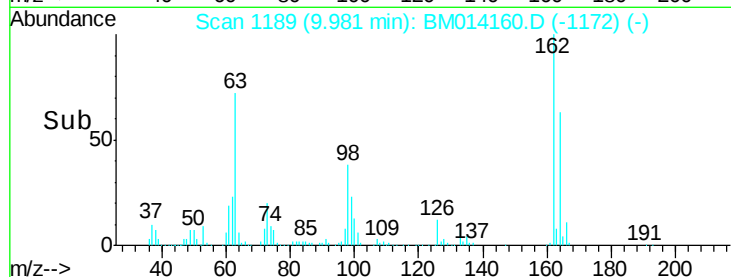
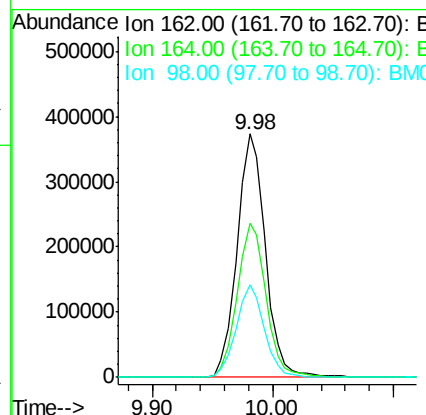
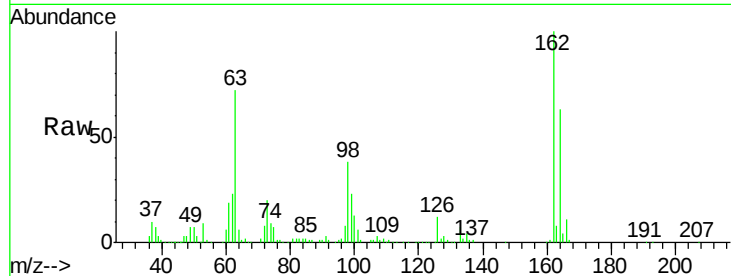
#29
2,4-Dichlorophenol
Concen: 89.34 ng
RT: 9.98 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	42.8	82.8
98	38.3	14.5	54.5

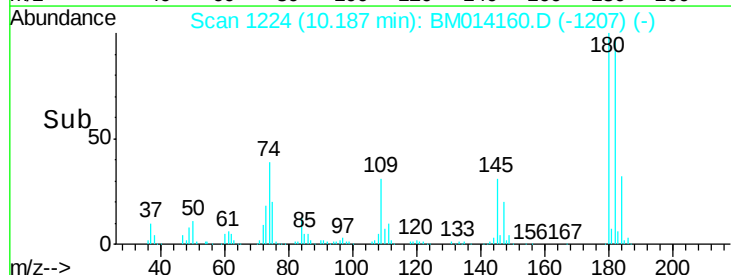
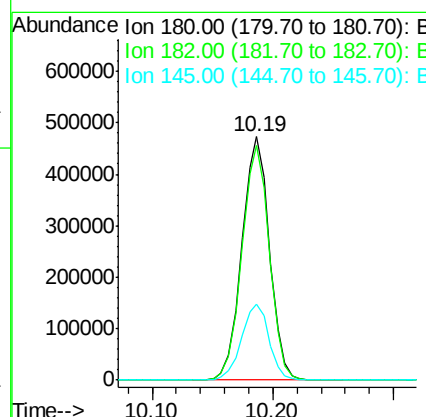
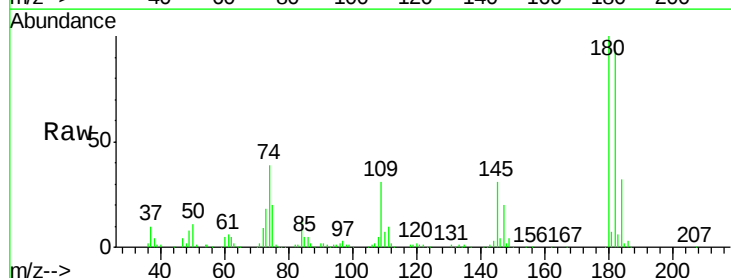
Manual Integrations
APPROVED

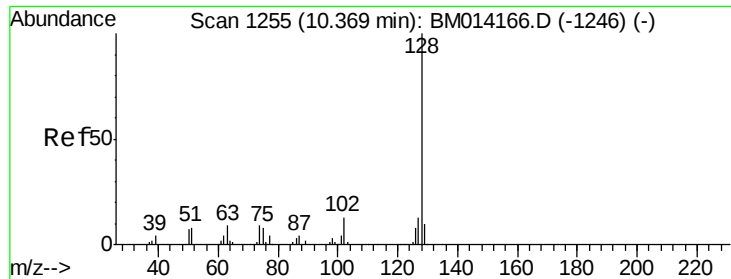
Sohil
2/8/2018 3:50:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 99.21 ng
RT: 10.19 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	77.6	116.4
145	31.2	23.4	35.2





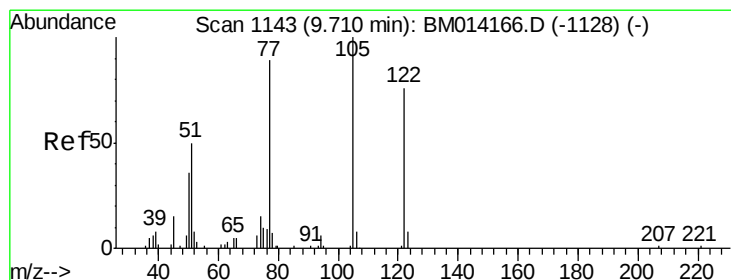
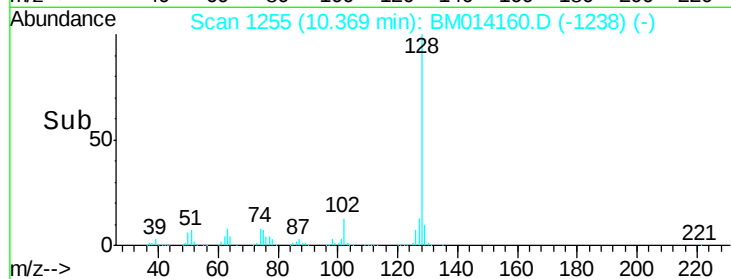
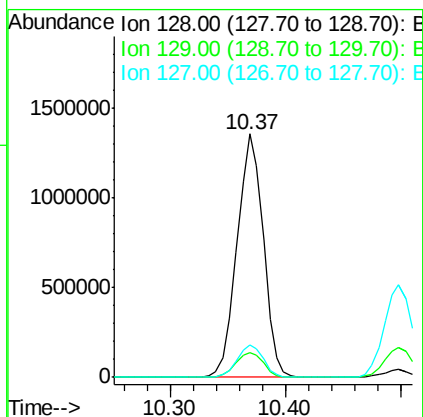
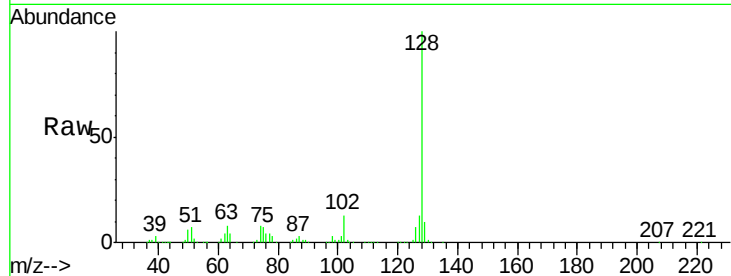
#31
Naphthalene
Concen: 85.67 ng
RT: 10.37 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.3	10.4	15.6

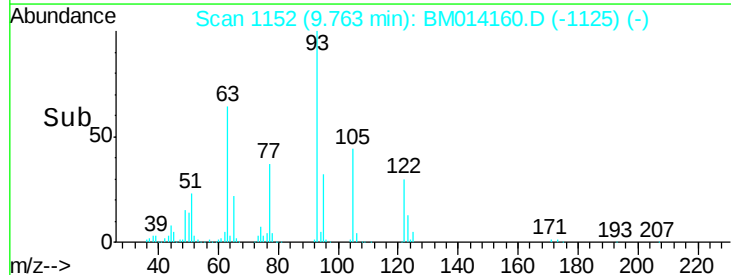
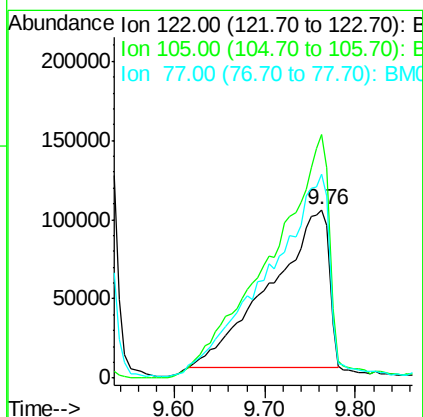
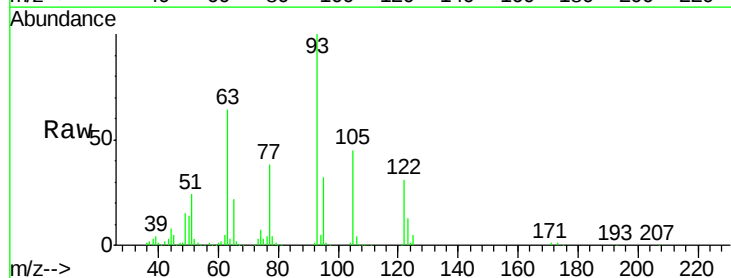
Manual Integrations
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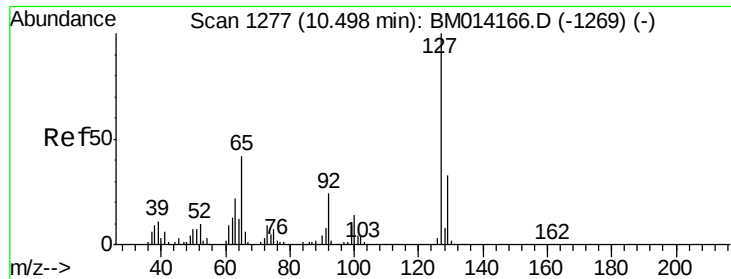
Sohil
2/8/2018 3:50:22 PM



#32
Benzoic acid
Concen: 99.11 ng
RT: 9.76 min Scan# 1152
Delta R.T. 0.06 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.5	99.9	139.9#
77	121.3	73.7	113.7#





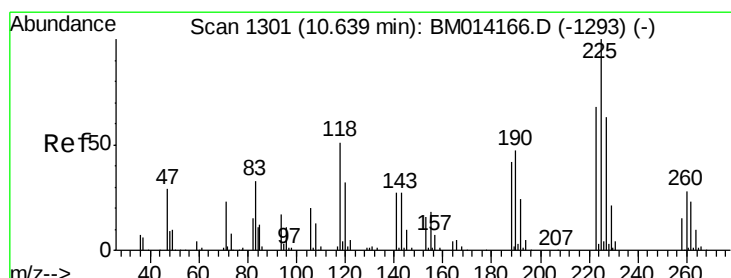
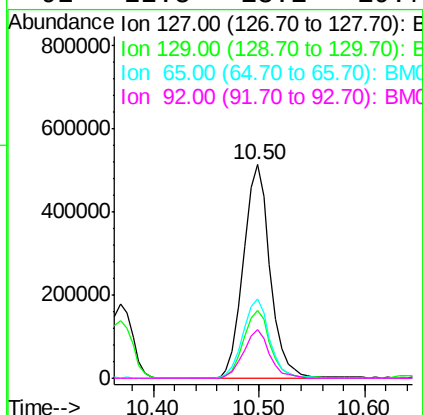
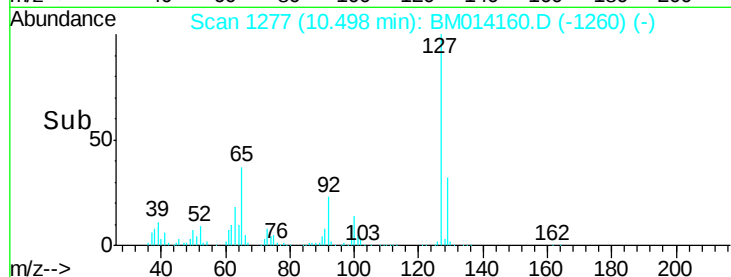
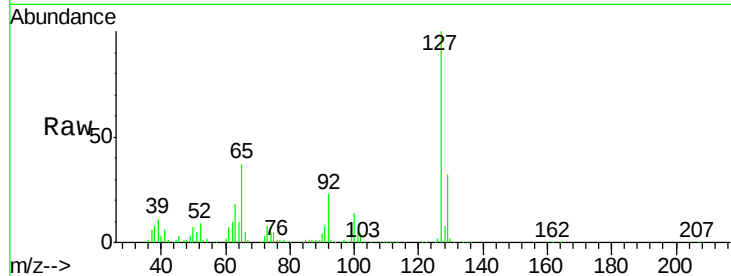
#33
4-Chloroaniline
Concen: 83.24 ng
RT: 10.50 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.1	25.3	37.9
65	37.2	17.6	26.4
92	22.8	13.1	19.7

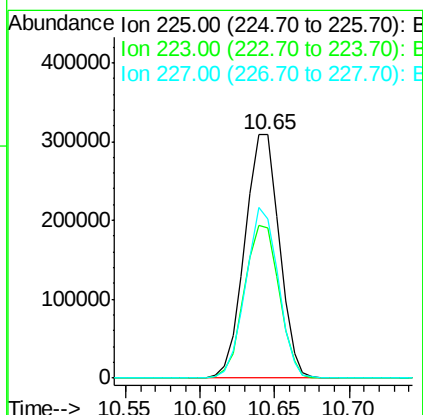
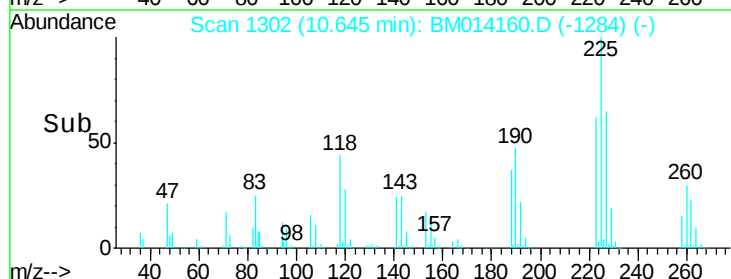
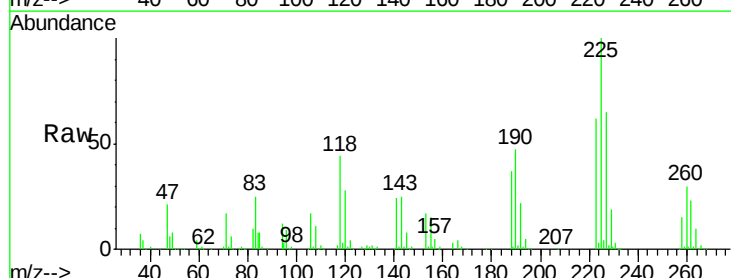
Manual Integrations
APPROVED

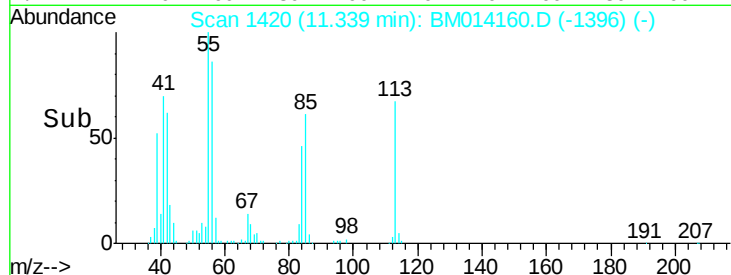
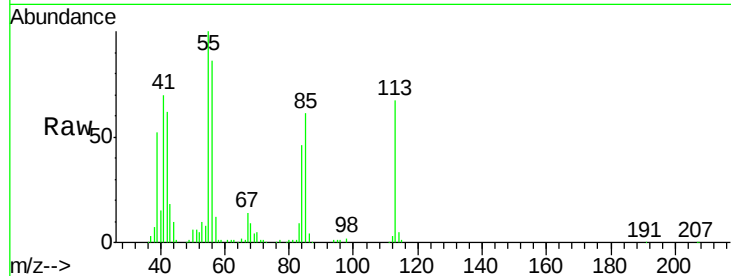
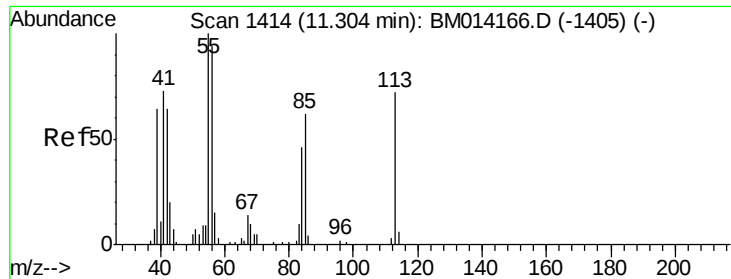
Sohil
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#34
Hexachlorobutadiene
Concen: 114.49 ng
RT: 10.65 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.9	47.9	71.9
227	65.1	50.1	75.1





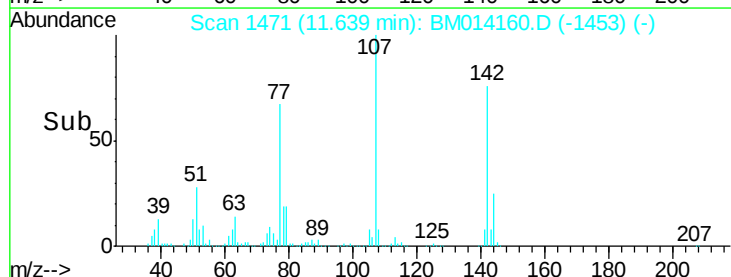
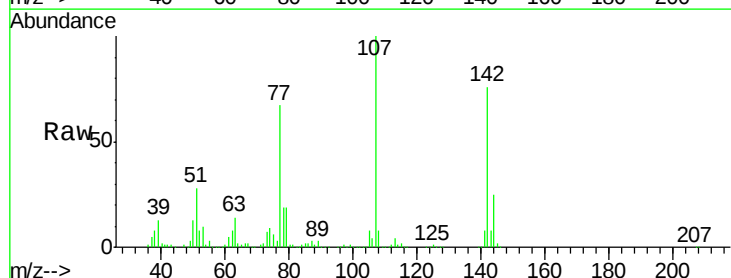
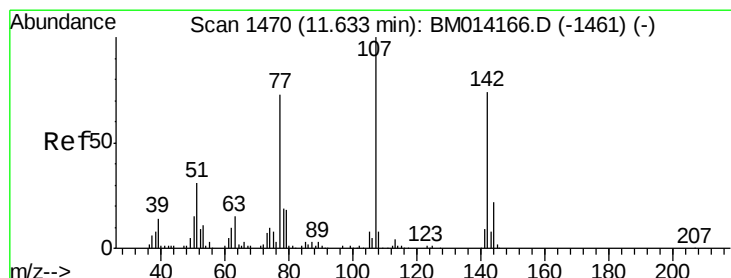
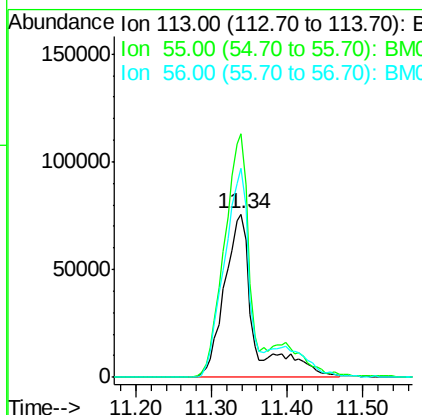
#35
Caprolactam
Concen: 84.06 ng m
RT: 11.34 min Scan# 1420
Delta R.T. 0.04 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	206898		
55	148.9	145.9	185.9	
56	127.6	101.0	141.0	

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

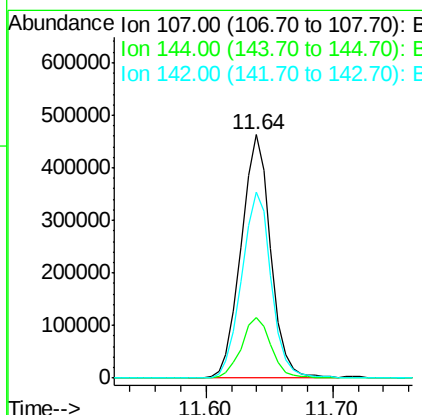
Manual Integrations
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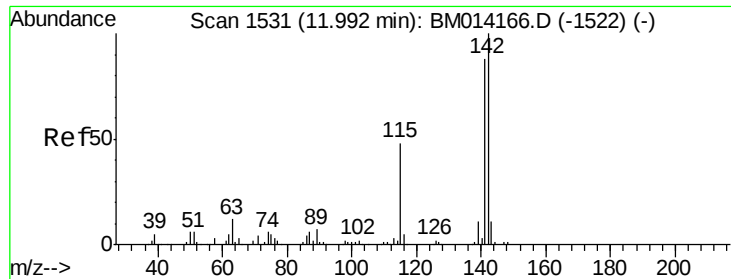
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 93.57 ng
RT: 11.64 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	751036		
144	24.7	23.3	34.9	
142	76.2	72.6	109.0	





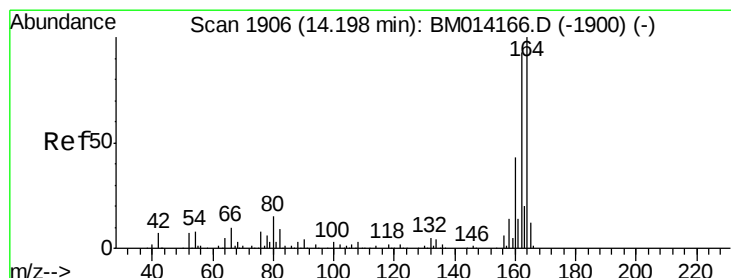
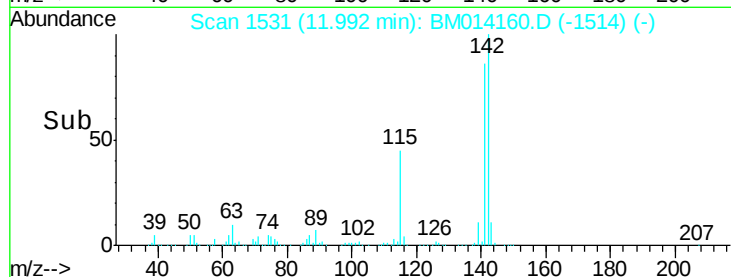
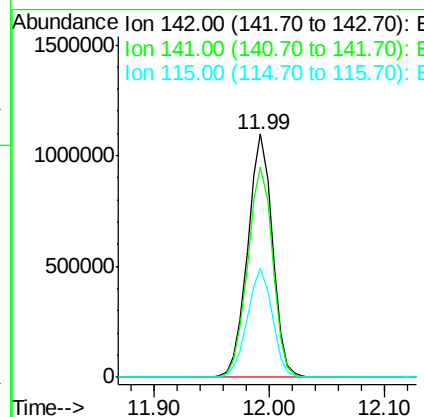
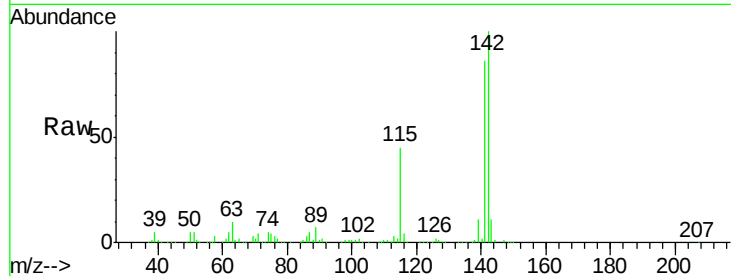
#37
2-Methylnaphthalene
Concen: 94.46 ng
RT: 11.99 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampled :
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.9	107.9
115	44.8	25.4	38.0

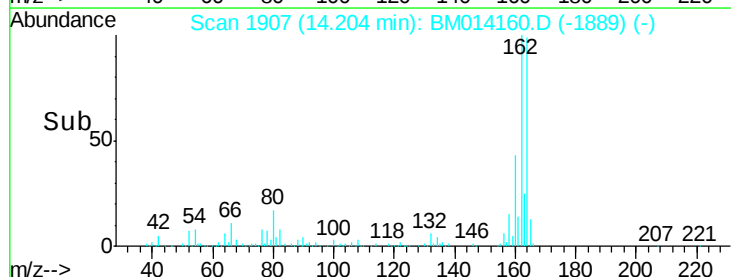
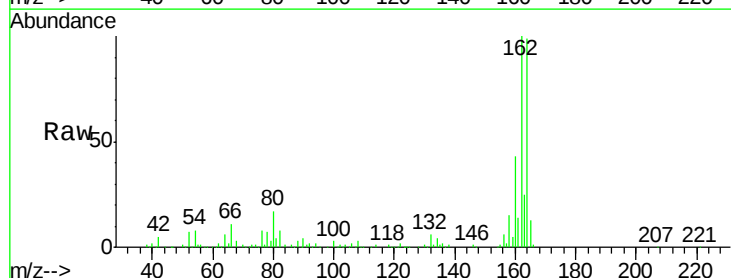
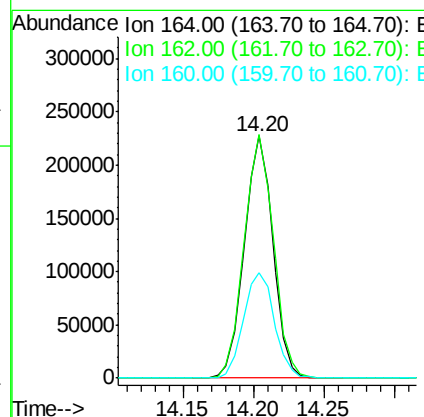
Manual Integrations
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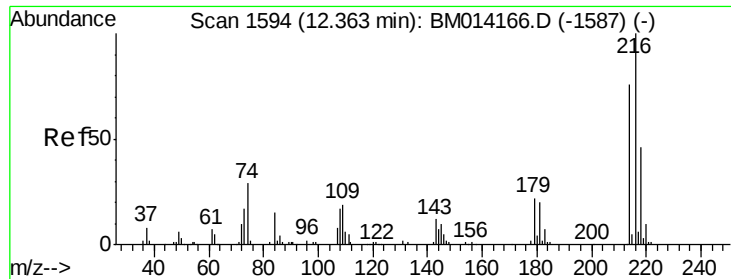
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.4	123.6
160	43.7	35.8	53.6





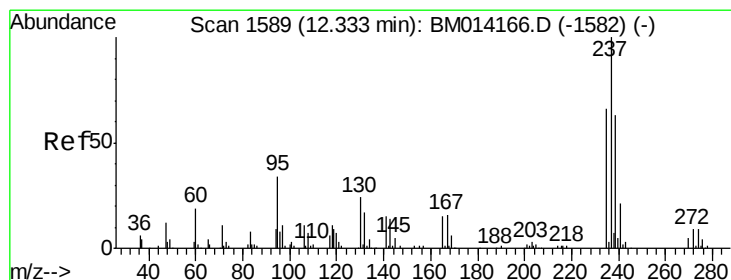
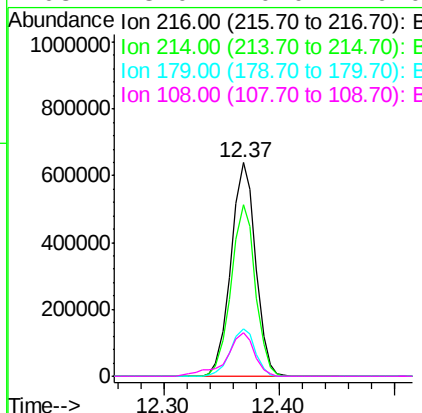
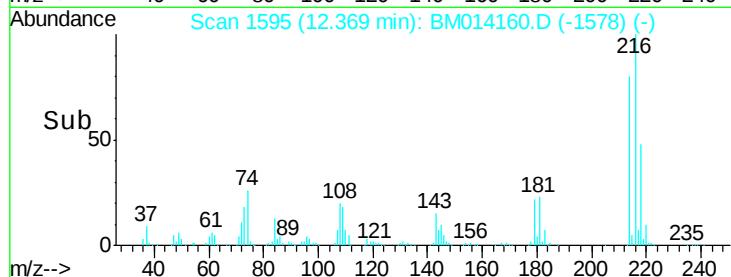
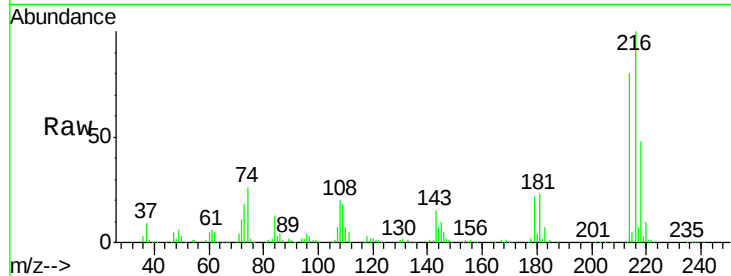
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 97.42 ng
 RT: 12.37 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	22.4	0.0	0.0#
108	23.0	0.0	0.0#

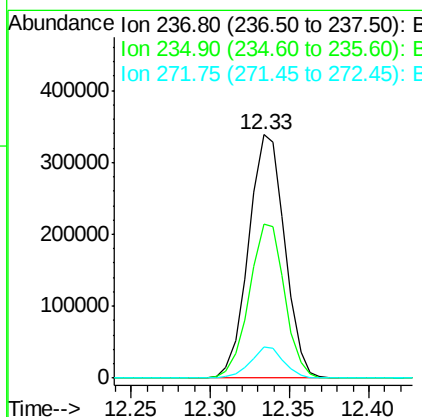
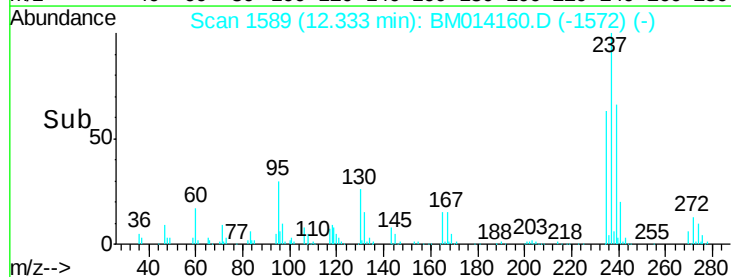
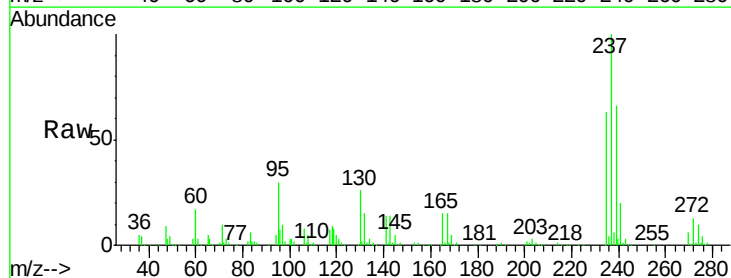
Manual Integrations
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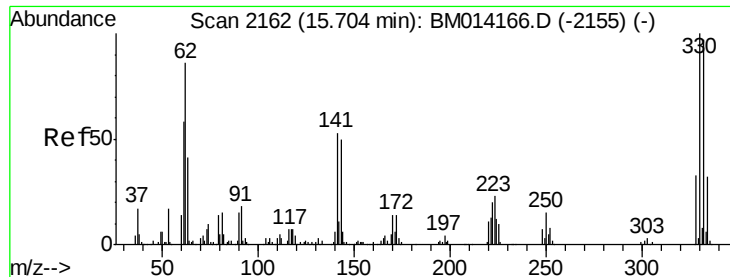
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 120.07 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	42.0	82.0
272	12.7	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 217.67 ng

RT: 15.71 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampled :

SSTDIC080

Tgt Ion:330 Resp: 812799
Ion Ratio Lower Upper

330 100

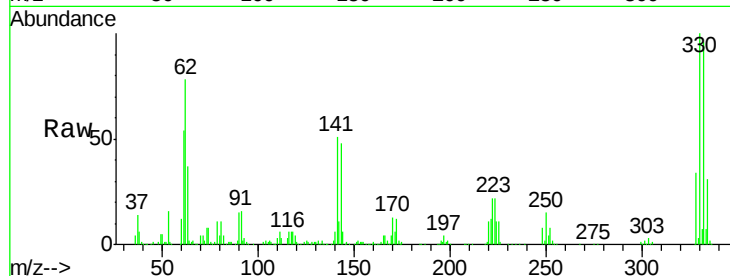
332 96.2 0.0 0.0#

141 50.0 0.0 0.0#

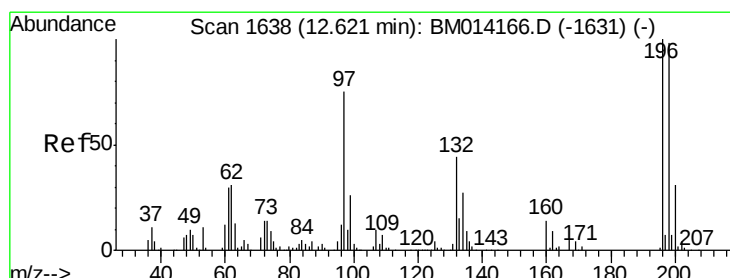
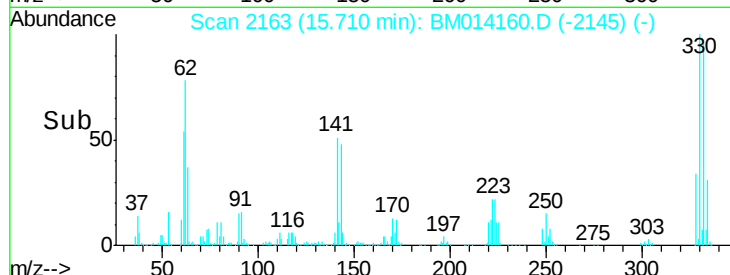
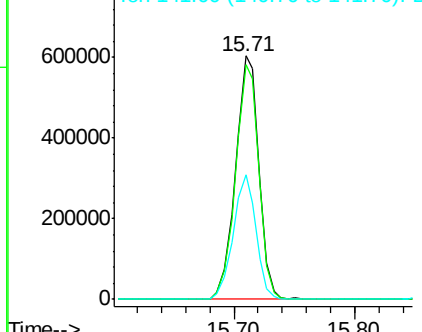
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 90.54 ng

RT: 12.62 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BM014160.D

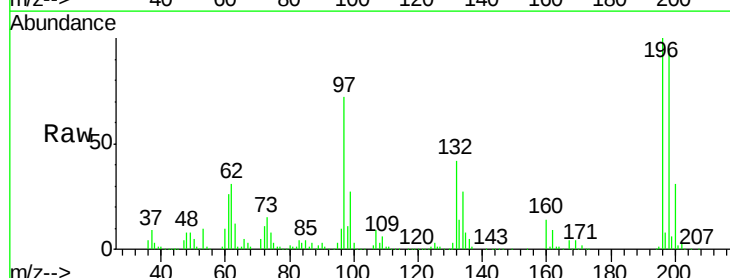
Acq: 07 Feb 2018 13:56

Tgt Ion:196 Resp: 582132
Ion Ratio Lower Upper

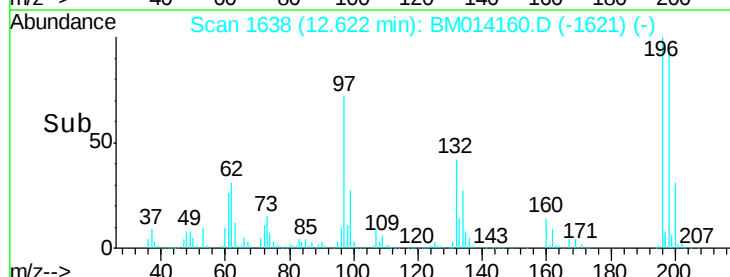
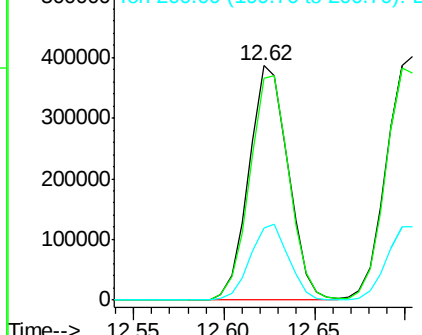
196 100

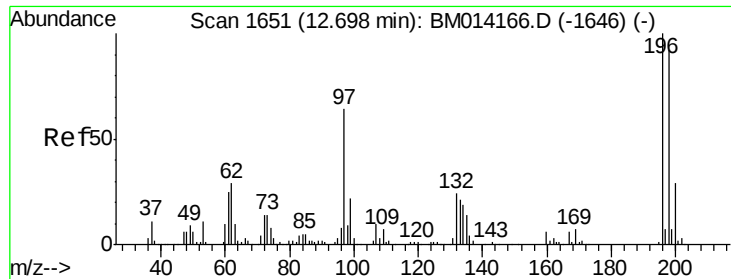
198 95.0 76.3 114.5

200 30.9 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





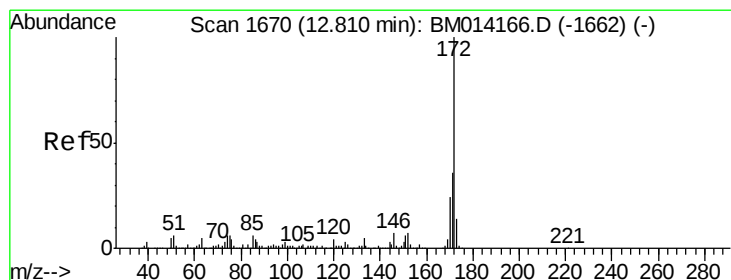
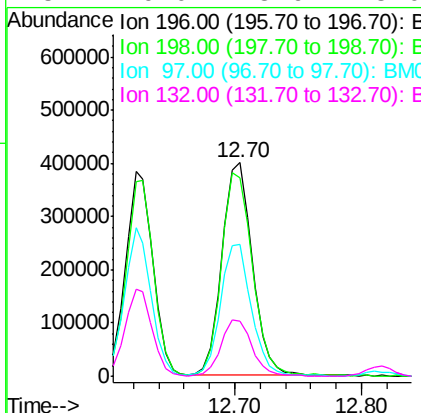
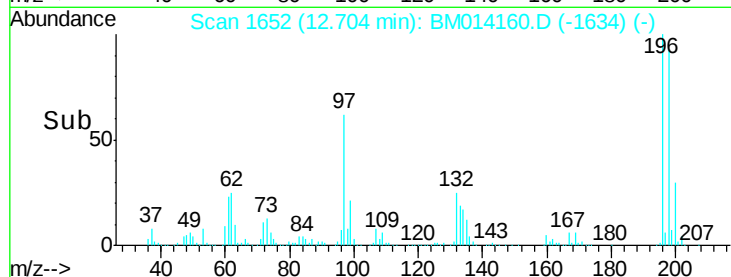
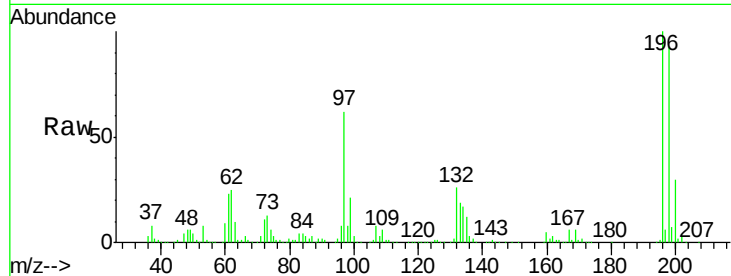
#43
2,4,5-Trichlorophenol
Concen: 101.08 ng
RT: 12.70 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	660034		
198	93.1	79.4	119.0	
97	61.9	26.8	40.2	
132	26.0	18.6	28.0	

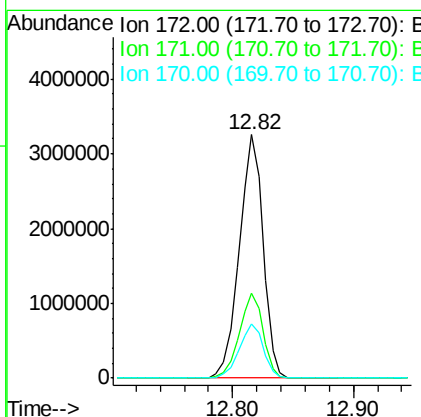
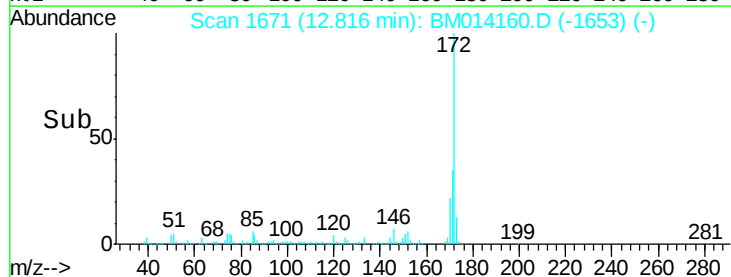
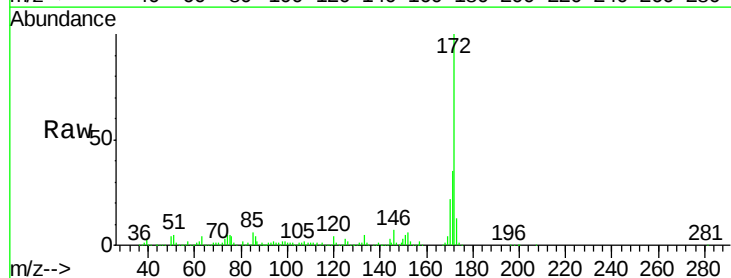
Manual Integrations
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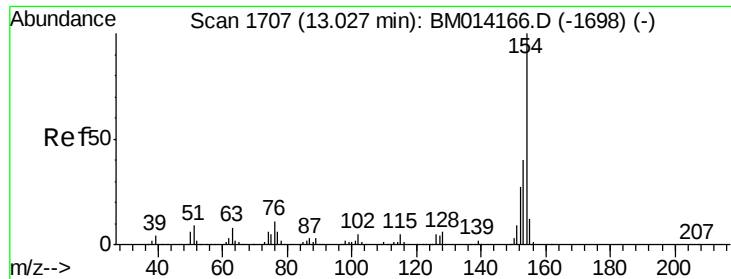
Sohil
2/8/2018 3:50:22 PM



#44
2-Fluorobiphenyl
Concen: 199.81 ng
RT: 12.82 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4473827		
171	35.0	28.5	42.7	
170	22.3	18.8	28.2	





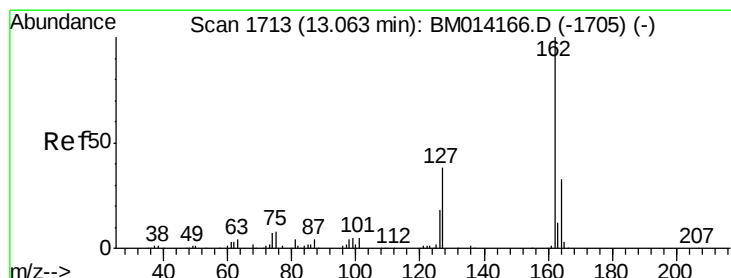
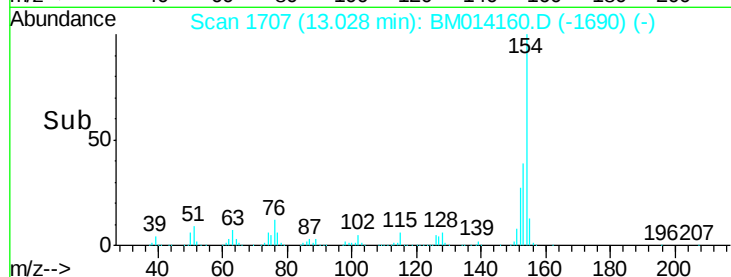
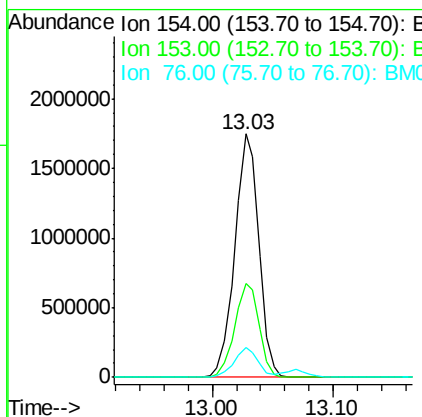
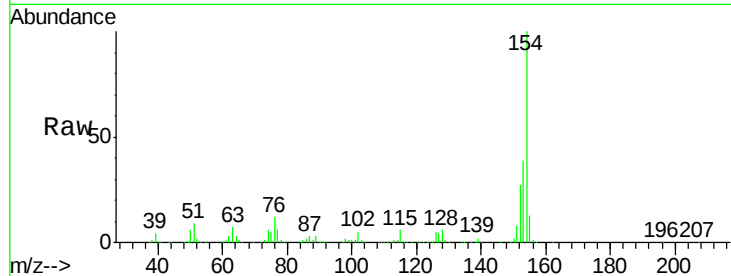
#45
 1,1'-Biphenyl
 Concen: 84.41 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:154 Resp: 2418617
 Ion Ratio Lower Upper
 154 100
 153 38.7 20.7 60.7
 76 12.3 0.0 30.9

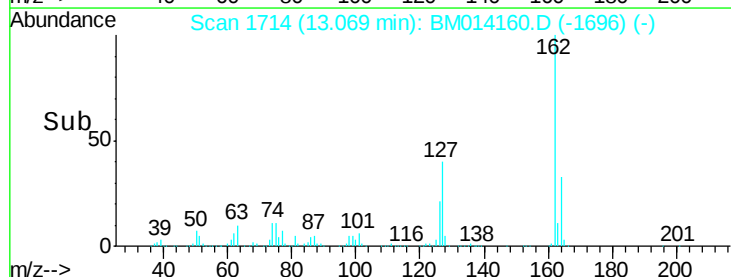
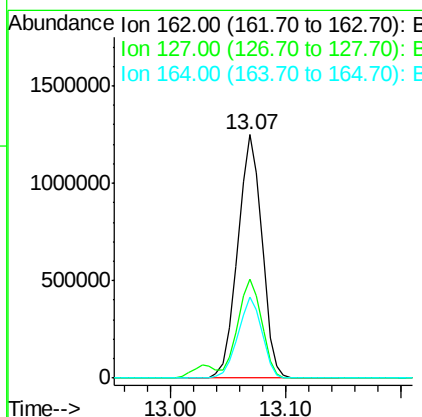
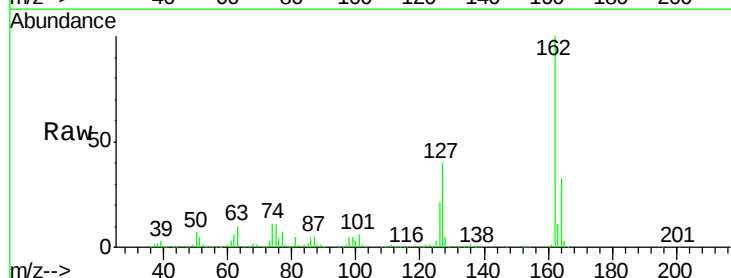
Manual Integrations
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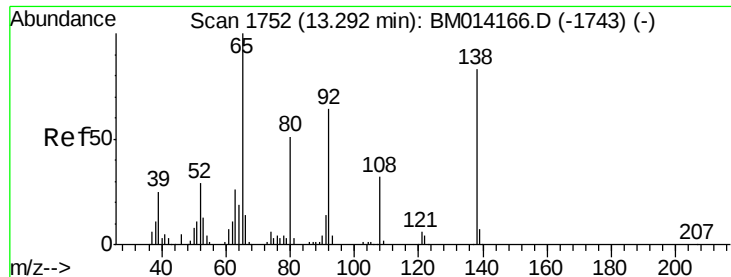
Sohil
 2/8/2018 3:50:22 PM



#46
 2-Chloronaphthalene
 Concen: 85.22 ng
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion:162 Resp: 1813877
 Ion Ratio Lower Upper
 162 100
 127 40.5 26.9 40.3#
 164 33.2 26.8 40.2





#47

2-Nitroaniline

Concen: 105.86 ng

RT: 13.30 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion: 65 Resp: 661387
Ion Ratio Lower Upper

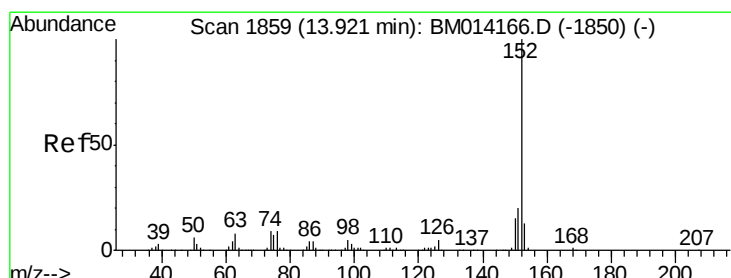
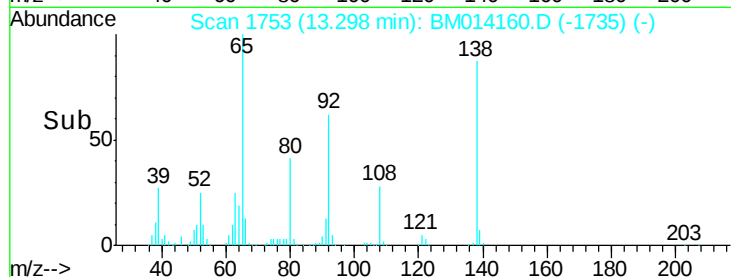
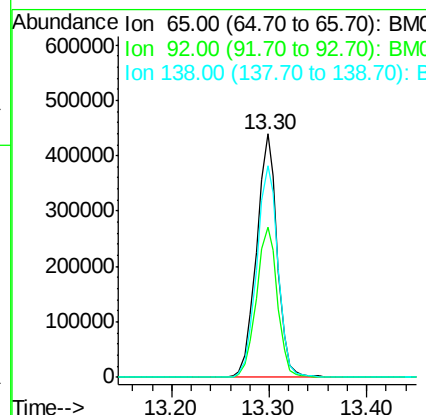
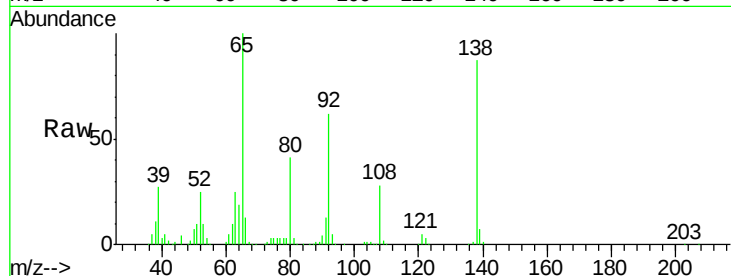
65 100

92 61.7 59.1 88.7

138 86.7 93.9 140.9#

Manual Integrations
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Sohil
2/8/2018 3:50:22 PM



#48

Acenaphthylene

Concen: 90.91 ng

RT: 13.93 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BM014160.D

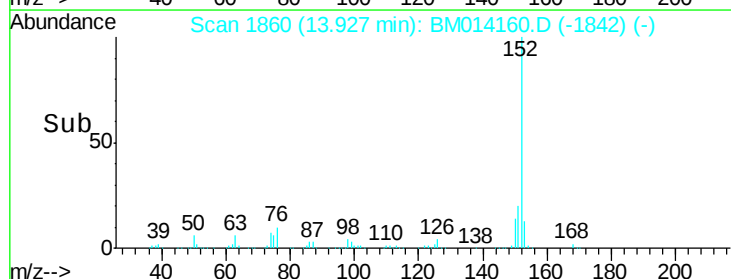
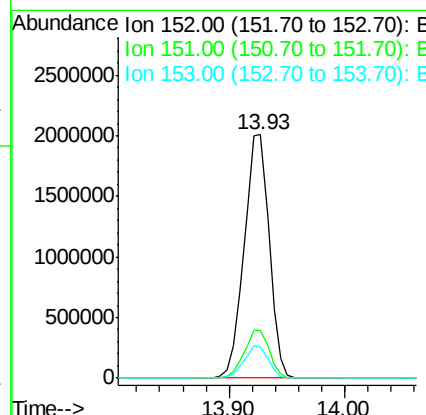
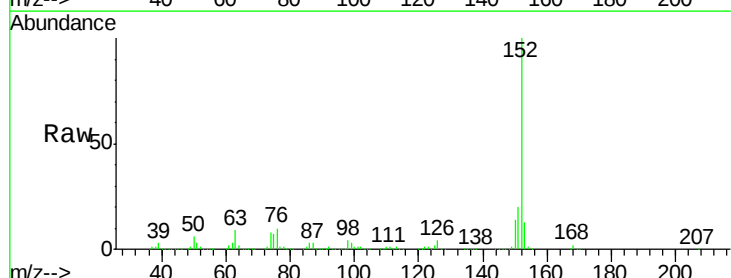
Acq: 07 Feb 2018 13:56

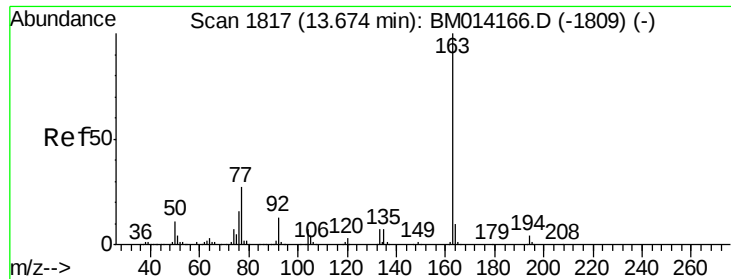
Tgt Ion: 152 Resp: 3014992
Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 95.01 ng

RT: 13.69 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion:163 Resp: 2436635

Ion Ratio Lower Upper

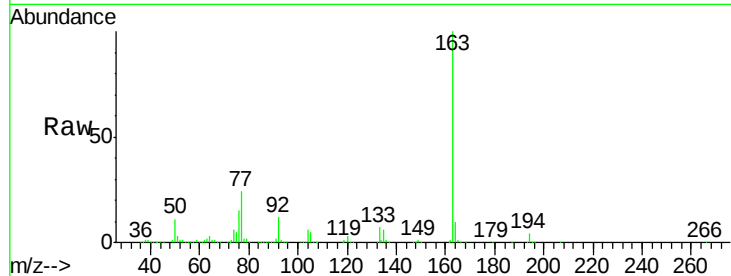
163 100

194 4.2 2.7 4.1#

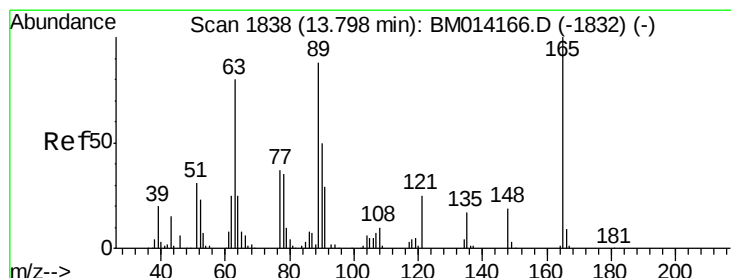
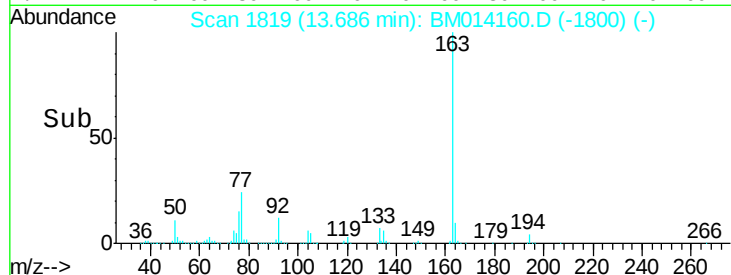
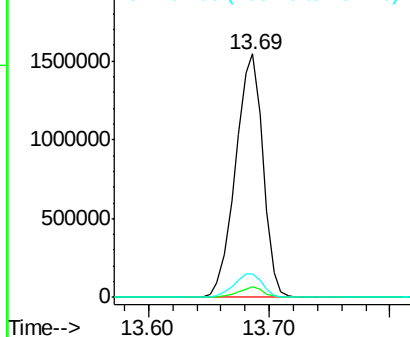
164 9.7 8.2 12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 106.13 ng

RT: 13.81 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

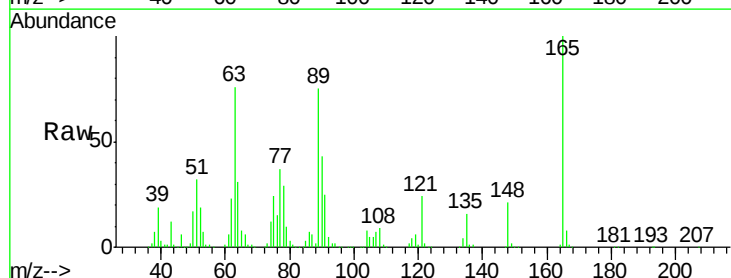
Tgt Ion:165 Resp: 515376

Ion Ratio Lower Upper

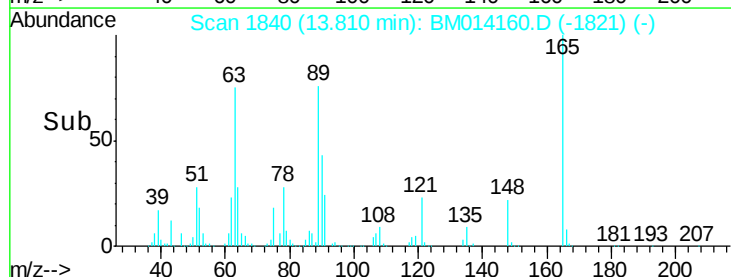
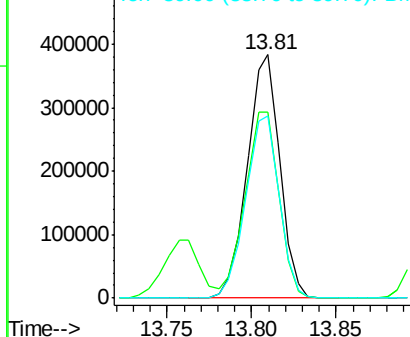
165 100

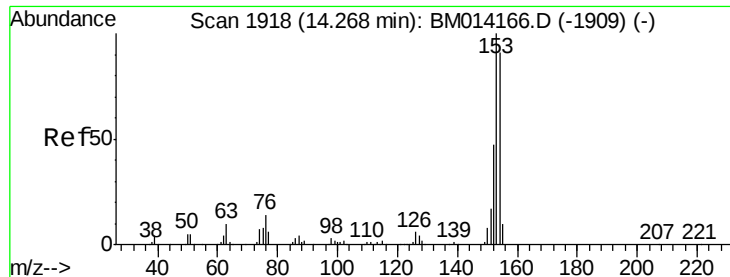
63 76.3 44.1 66.1#

89 74.9 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 85.09 ng

RT: 14.27 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion:154 Resp: 1832357

Ion Ratio Lower Upper

154 100

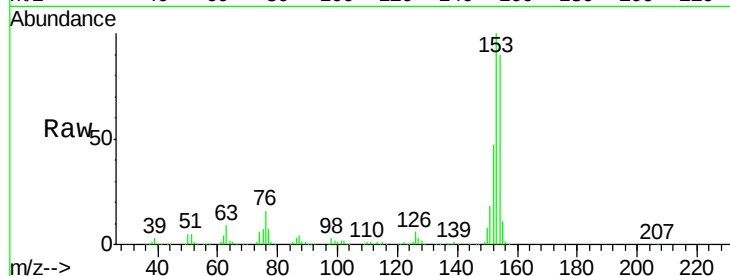
153 110.6 90.0 135.0

152 51.9 42.6 63.8

Manual Integrations
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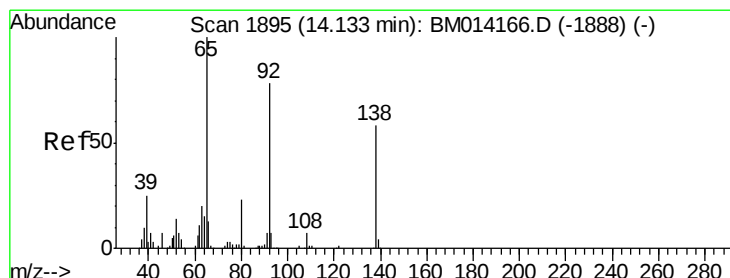
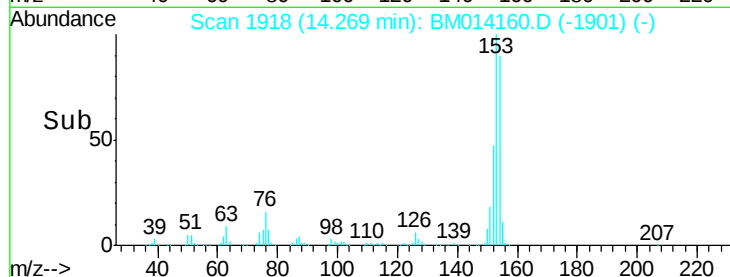
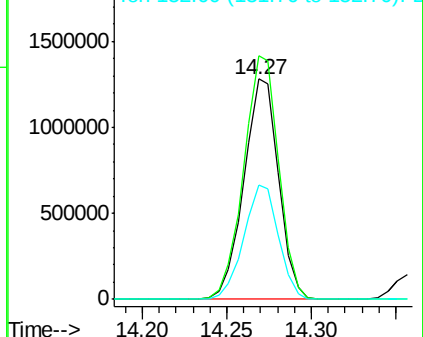
2/8/2018 3:50:22 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 85.99 ng

RT: 14.15 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

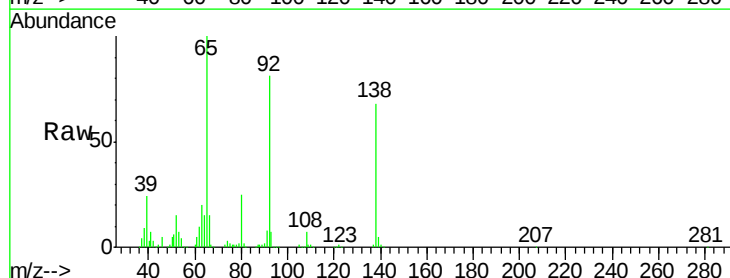
Tgt Ion:138 Resp: 542371

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

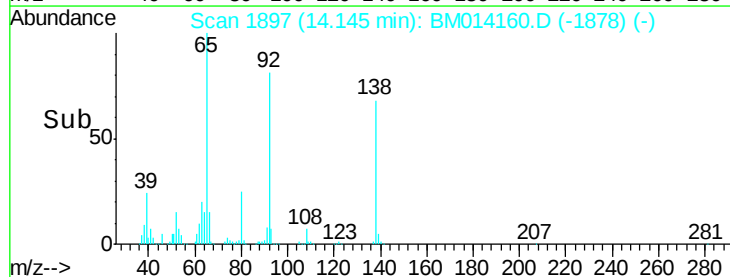
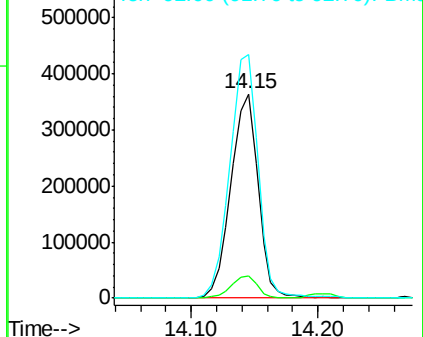
92 119.3 76.6 114.8#

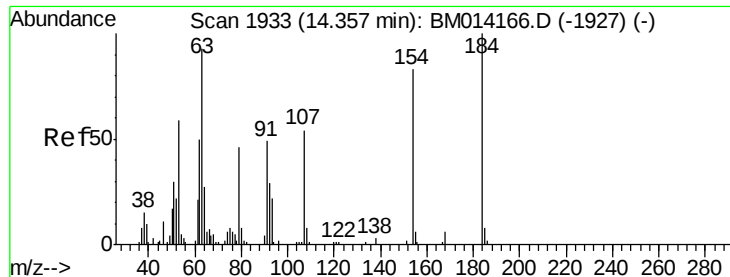


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





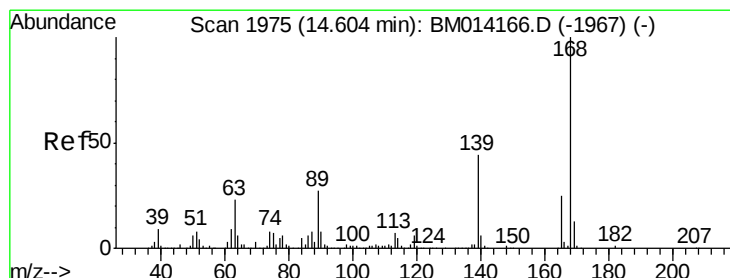
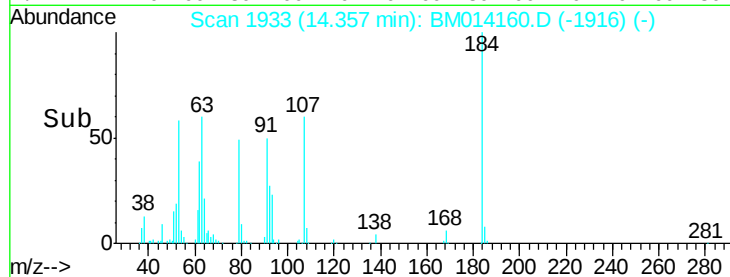
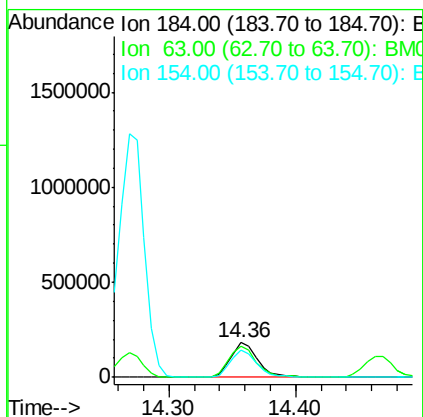
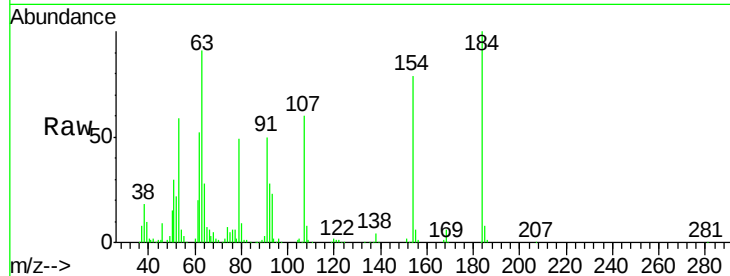
#53
2,4-Dinitrophenol
Concen: 175.31 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	274555		
63	90.8	69.2	103.8	
154	79.4	53.3	79.9	

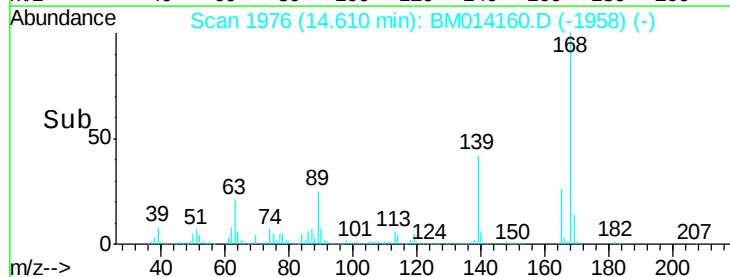
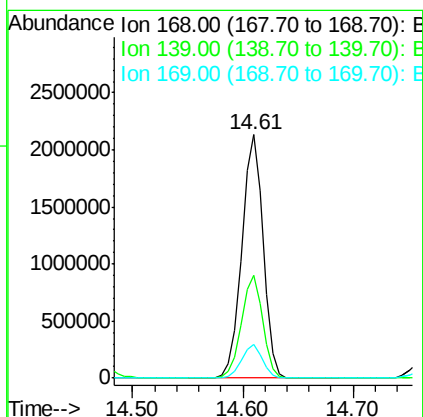
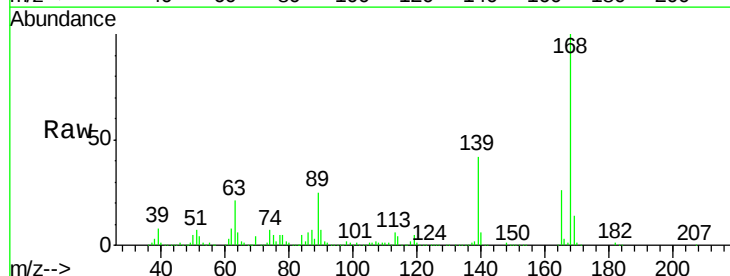
Manual Integrations
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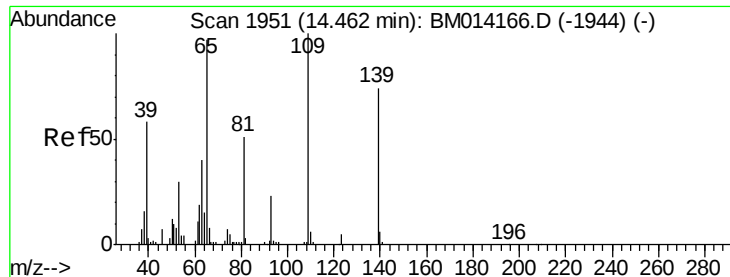
Sohil
2/8/2018 3:50:22 PM



#54
Dibenzofuran
Concen: 97.50 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2895388		
139	42.1	27.3	40.9#	
169	14.0	10.6	16.0	





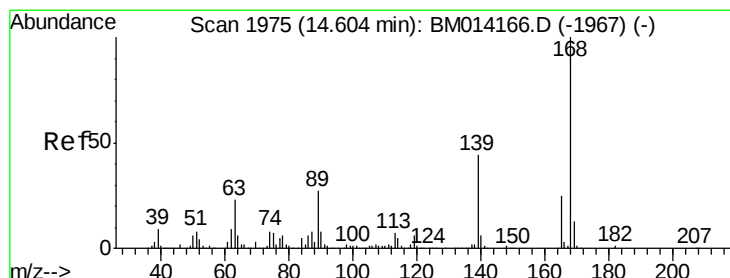
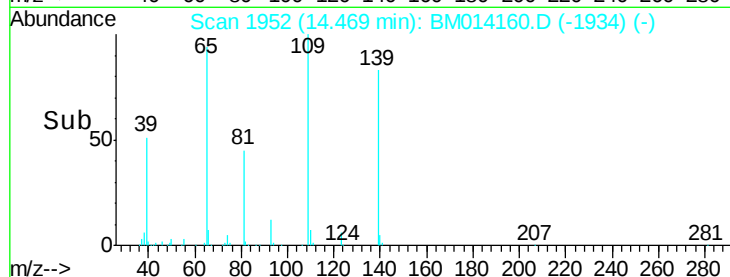
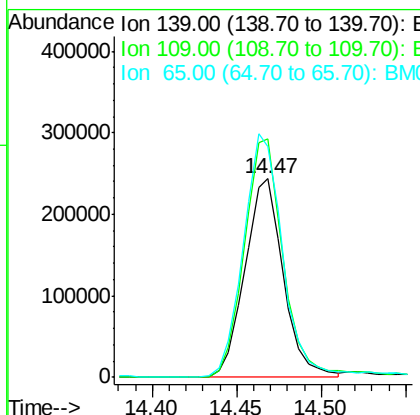
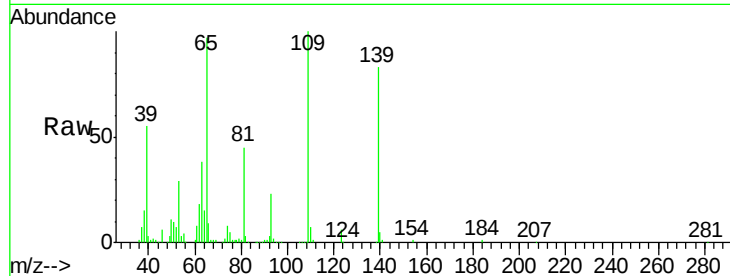
#55
4-Nitrophenol
Concen: 78.40 ng
RT: 14.47 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	120.2	130.0	170.0#	
65	116.3	130.0	170.0#	

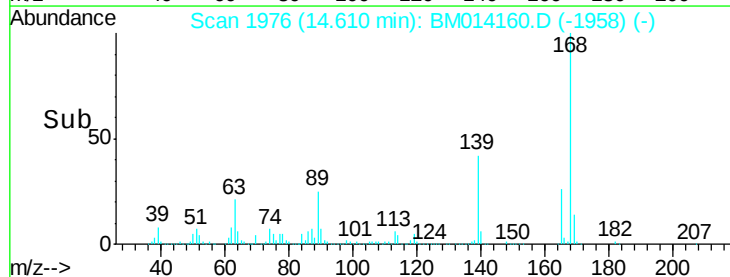
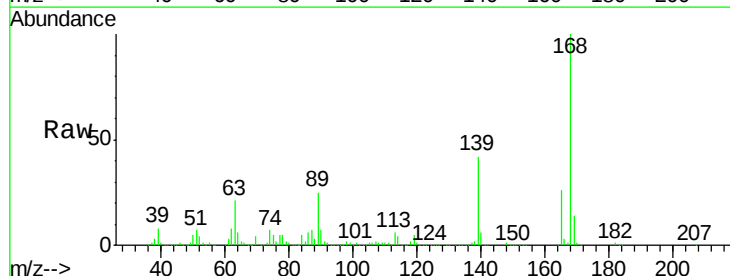
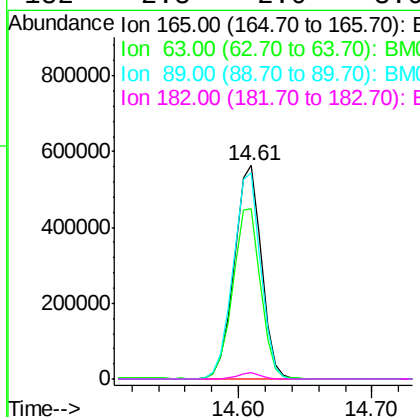
Manual Integrations
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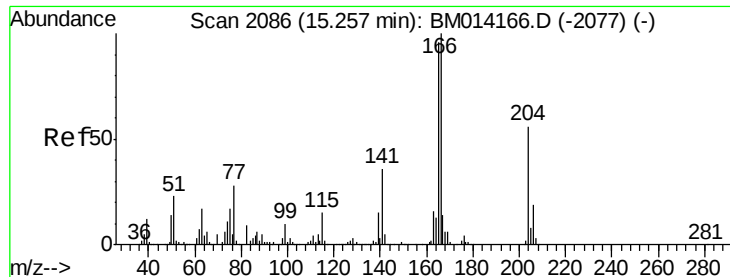
Sohil
2/8/2018 3:50:22 PM



#56
2,4-Dinitrotoluene
Concen: 125.26 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	79.5	52.4	78.6#	
89	96.5	72.4	108.6	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 100.05 ng

RT: 15.26 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

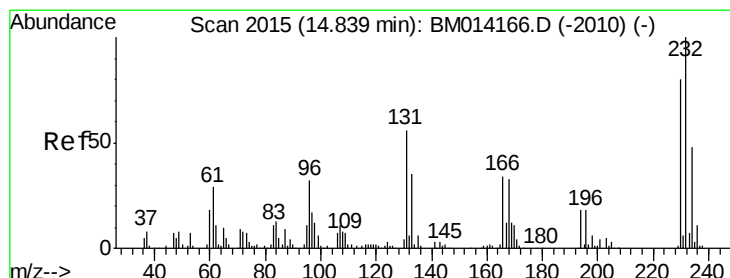
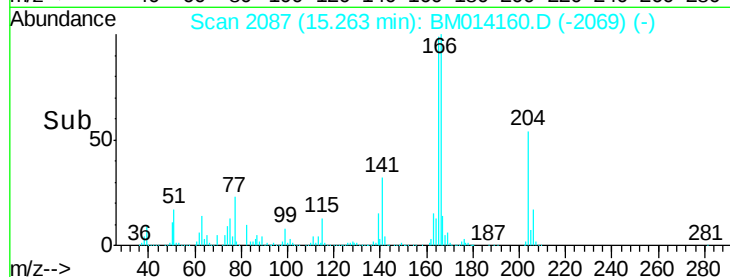
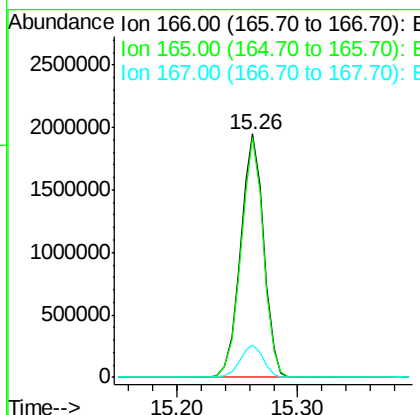
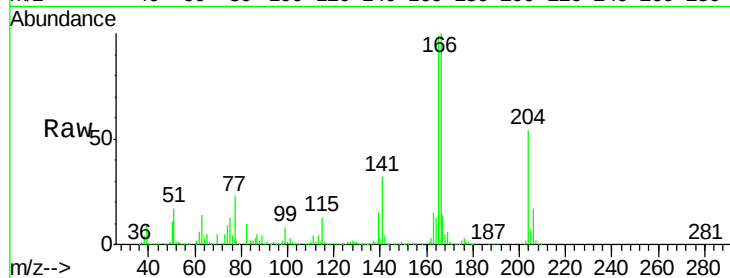
SSTDICC080

Tgt Ion:166 Resp: 2590161

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.5	10.3	15.5

Manual Integrations
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Sohil
2/8/2018 3:50:22 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 115.24 ng

RT: 14.85 min Scan# 2016

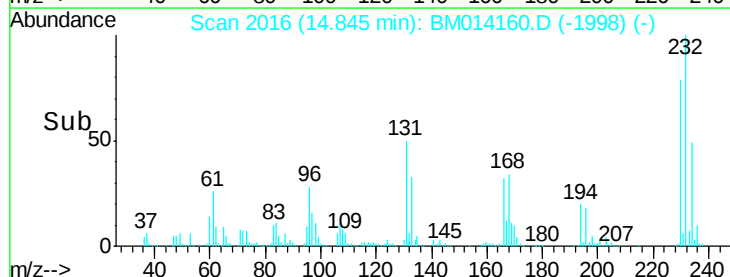
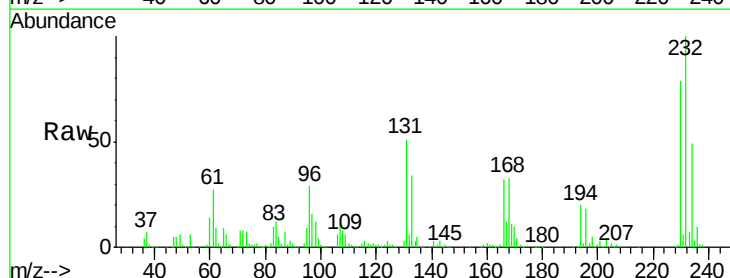
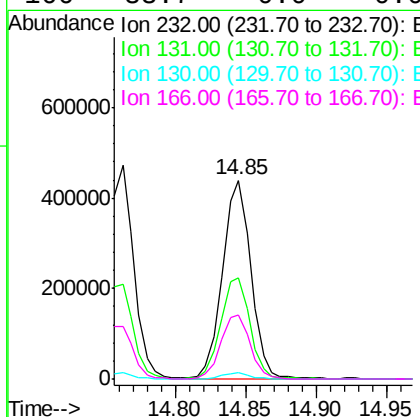
Delta R.T. 0.01 min

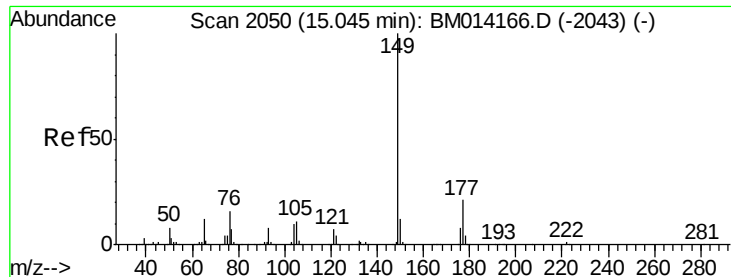
Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:232 Resp: 608872

Ion	Ratio	Lower	Upper
232	100		
131	52.6	0.0	0.0#
130	3.2	0.0	0.0#
166	33.7	0.0	0.0#





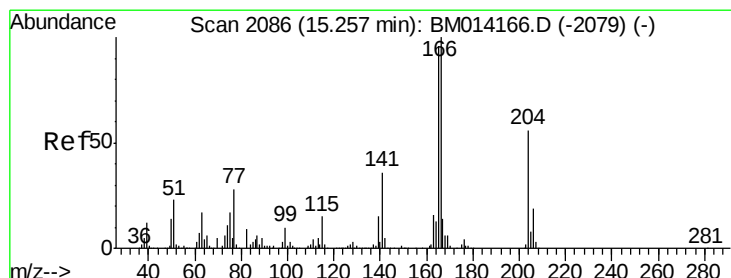
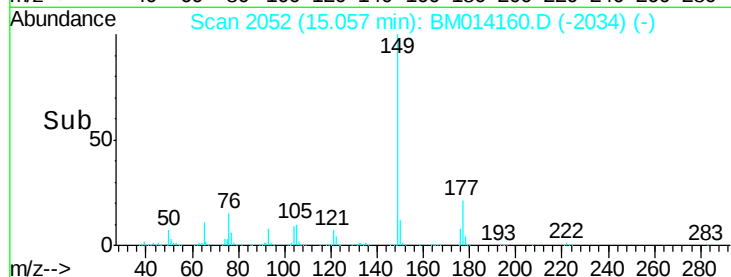
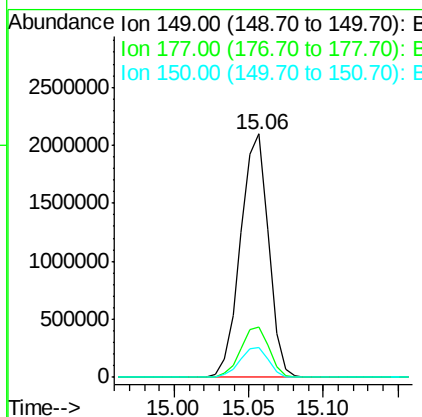
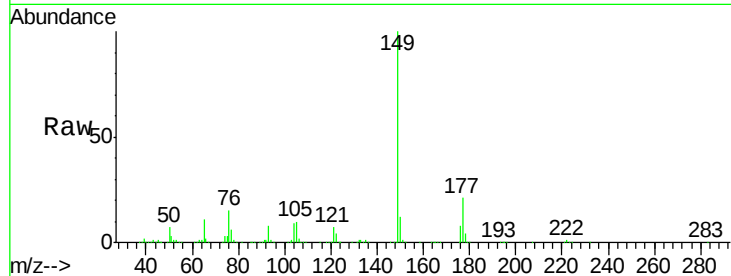
#59
Diethylphthalate
Concen: 103.24 ng
RT: 15.06 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	18.3	27.5
150	12.4	9.8	14.8

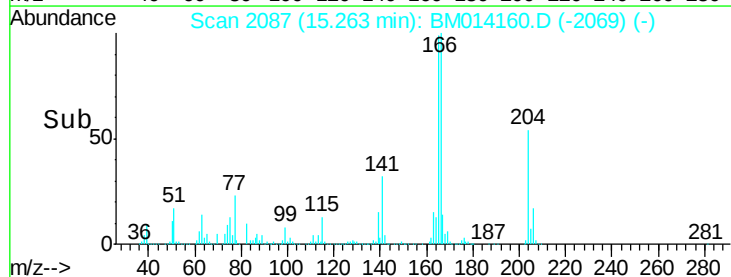
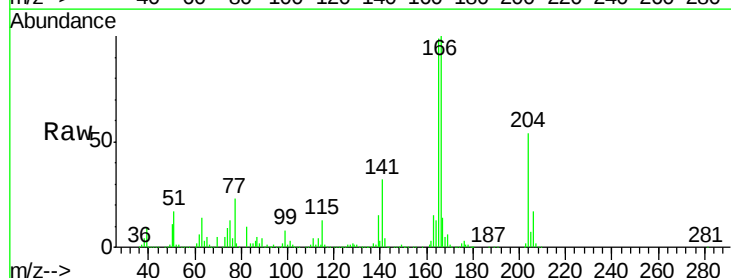
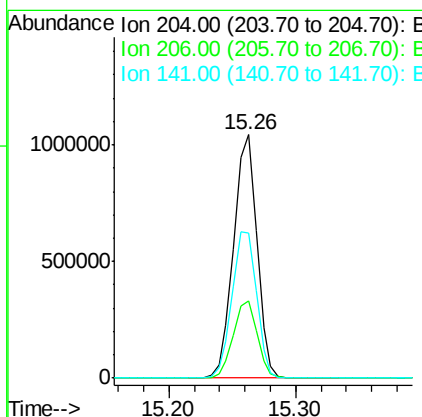
Manual Integrations
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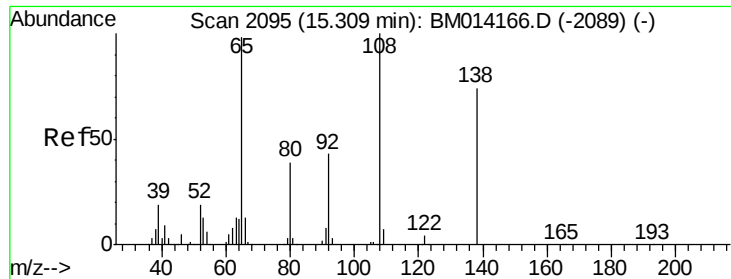
Sohil
2/8/2018 3:50:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 109.41 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.6	39.8
141	59.7	45.2	67.8





#61

4-Nitroaniline

Concen: 82.09 ng

RT: 15.32 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

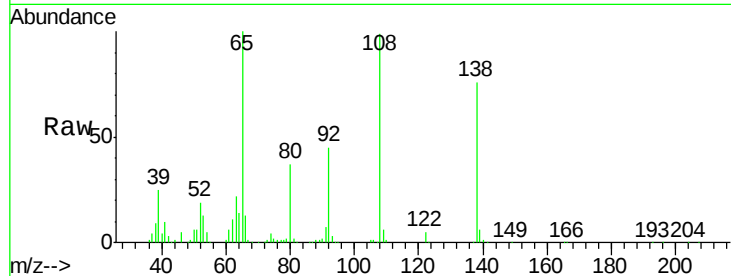
ClientSampleId :

SSTDIC080

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	16.7	56.7#
108	129.3	37.6	77.6#

Manual Integrations
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Sohil
2/8/2018 3:50:22 PM

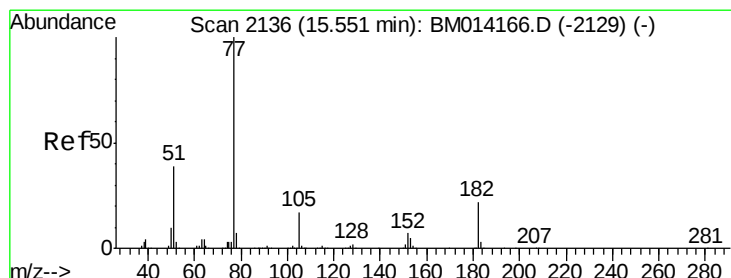
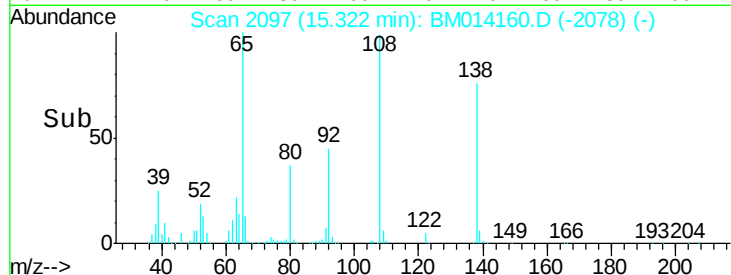
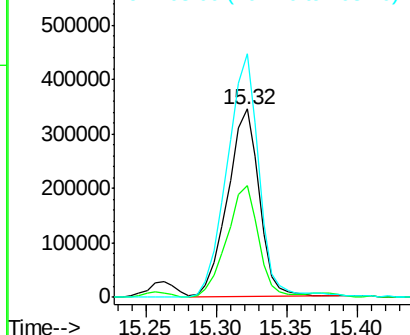


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 113.12 ng

RT: 15.56 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	6.5	46.5
105	17.8	3.8	43.8
51	38.3	5.5	45.5

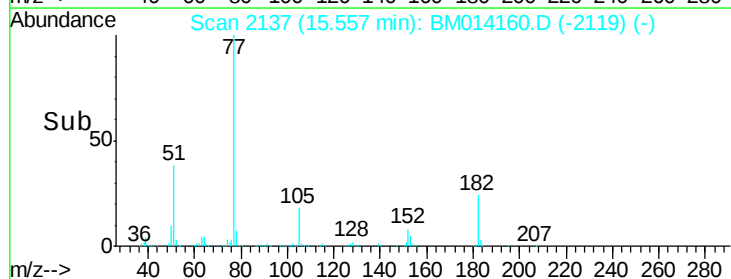
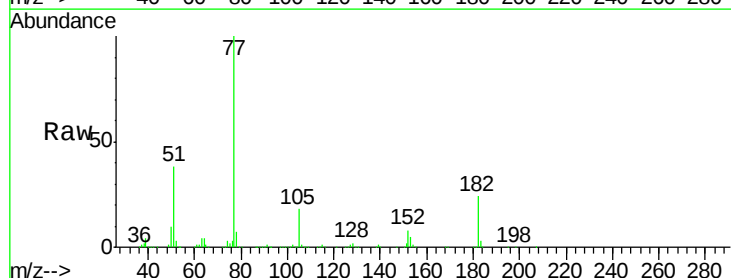
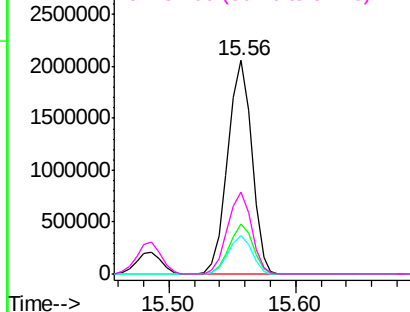
Abundance

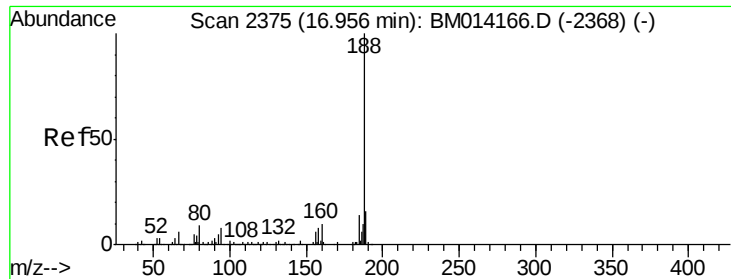
Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





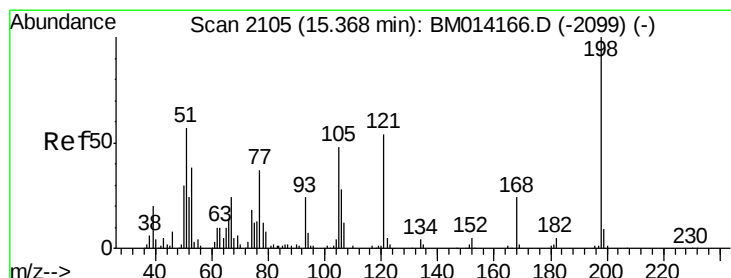
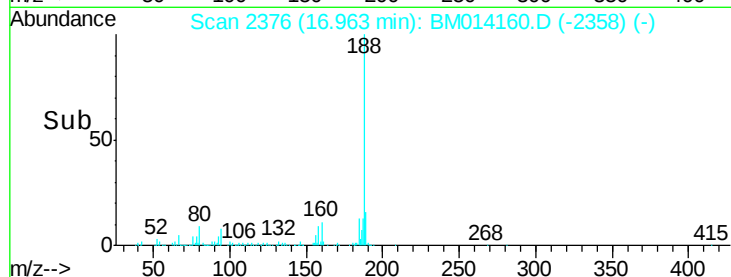
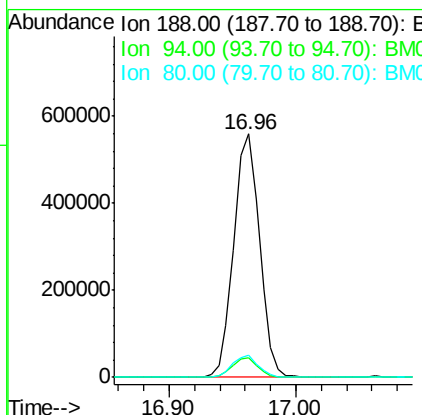
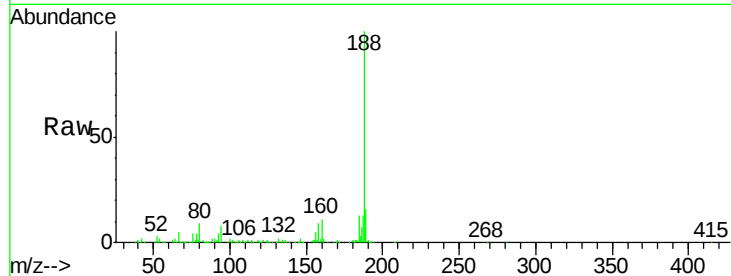
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	8.7	13.1#
80	9.1	9.3	13.9#

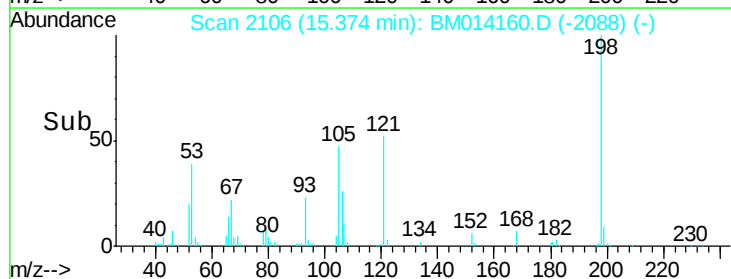
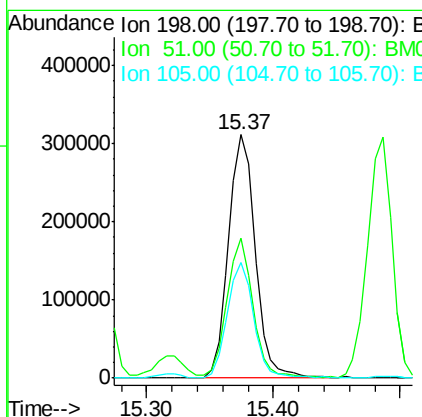
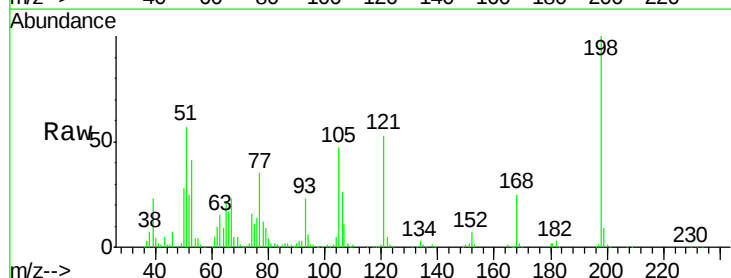
Manual Integrations
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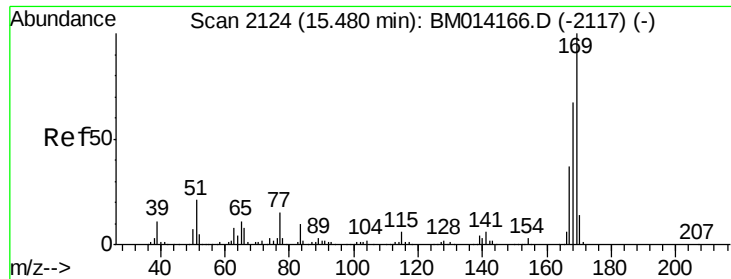
Sohil
2/8/2018 3:50:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 160.39 ng
RT: 15.37 min Scan# 2106
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	57.2	28.8	68.8
105	47.5	30.5	70.5





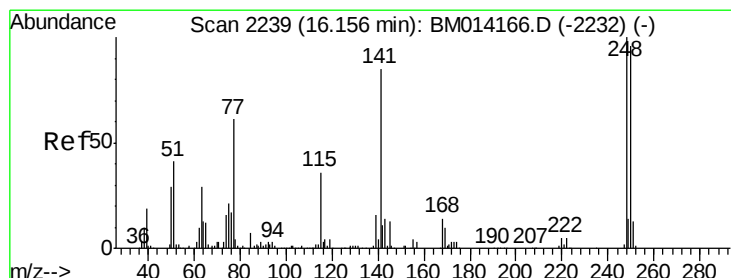
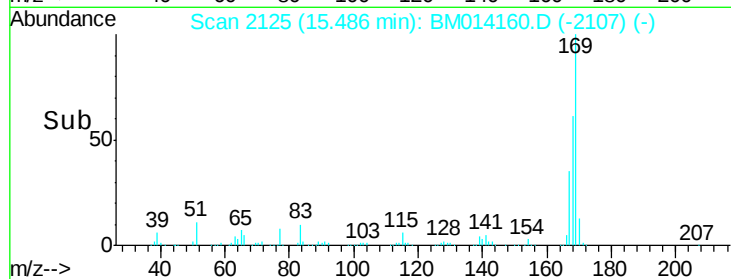
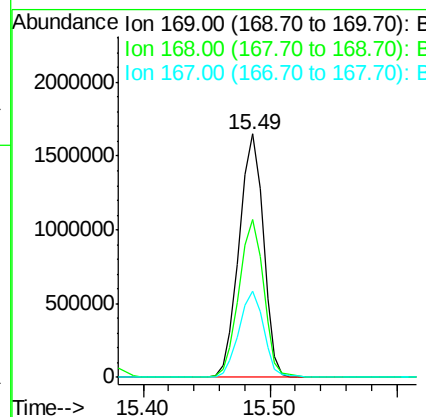
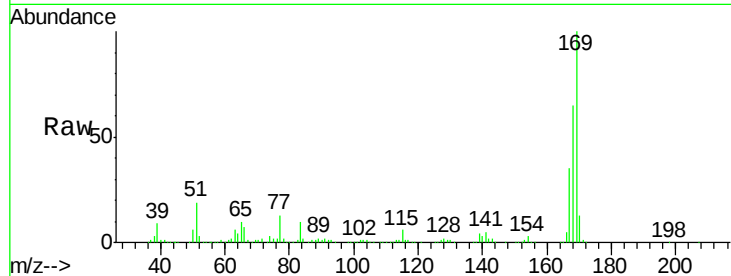
#65
n-Nitrosodiphenylamine
Concen: 88.08 ng
RT: 15.49 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.9	53.9	80.9
167	35.3	28.9	43.3

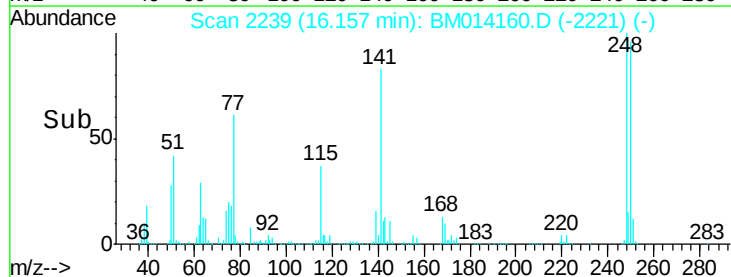
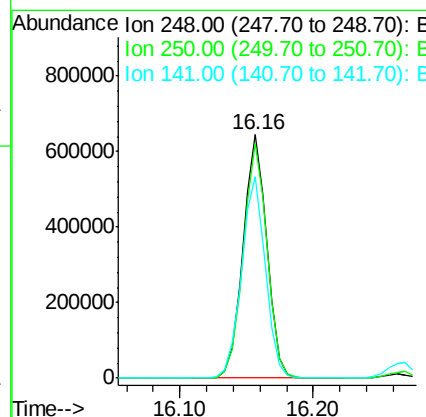
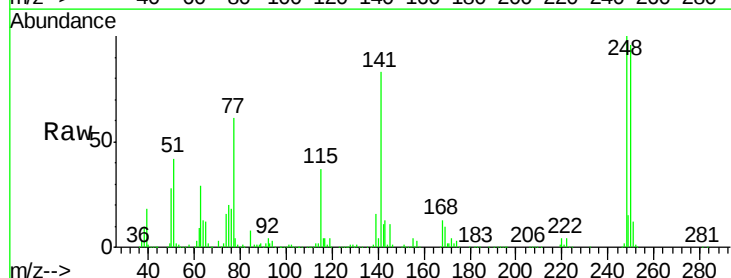
Manual Integrations
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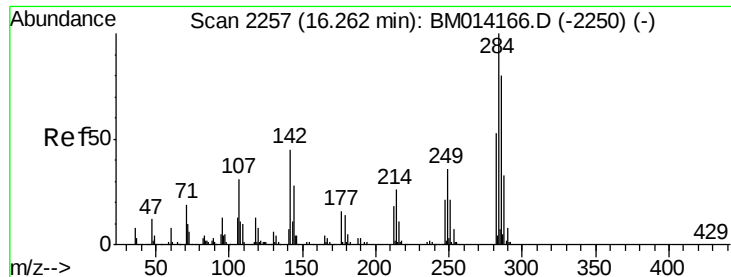
Sohil
2/8/2018 3:50:22 PM



#66
4-Bromophenyl-phenylether
Concen: 95.55 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.4	116.0
141	82.9	45.2	67.8#





#67

Hexachlorobenzene

Concen: 88.54 ng

RT: 16.27 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

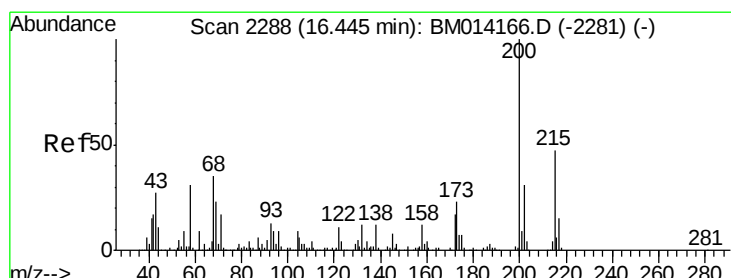
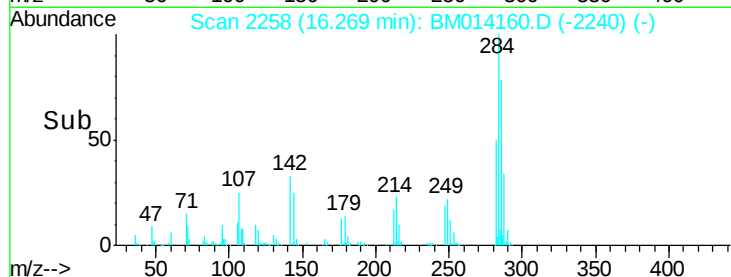
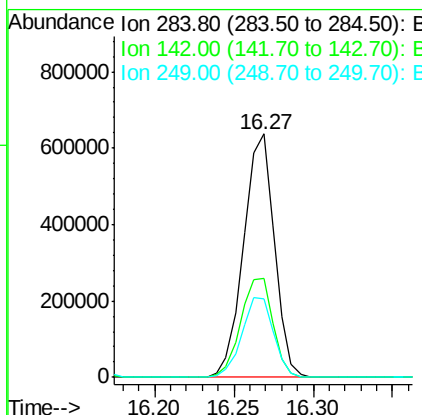
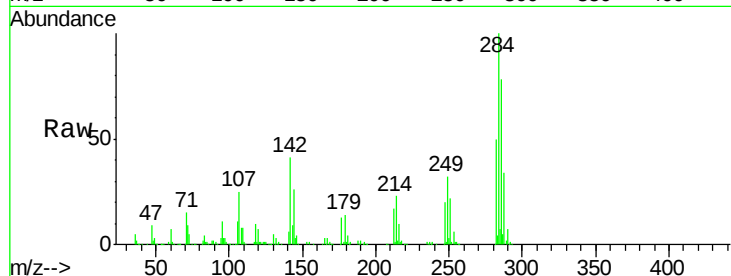
ClientSampleId :

SSTDIC080

Tgt Ion:	284	Resp:	860011
Ion Ratio		Lower	Upper
284	100		
142	40.6	20.4	30.6#
249	32.3	23.8	35.6

Manual Integrations
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2/8/2018 3:50:22 PM



#68

Atrazine

Concen: 110.14 ng

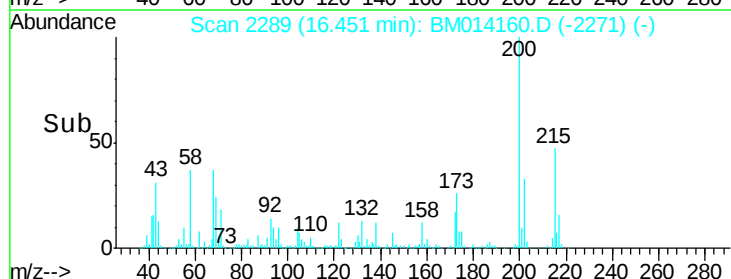
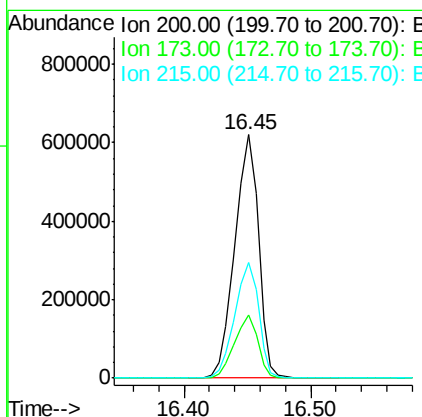
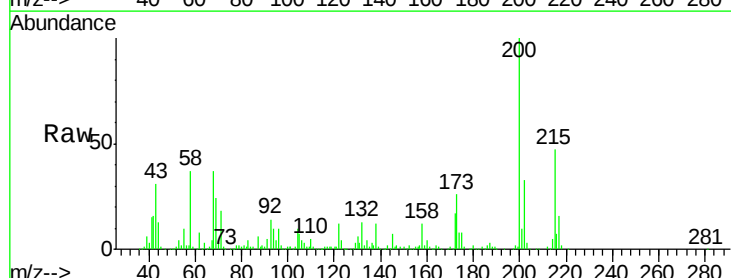
RT: 16.45 min Scan# 2289

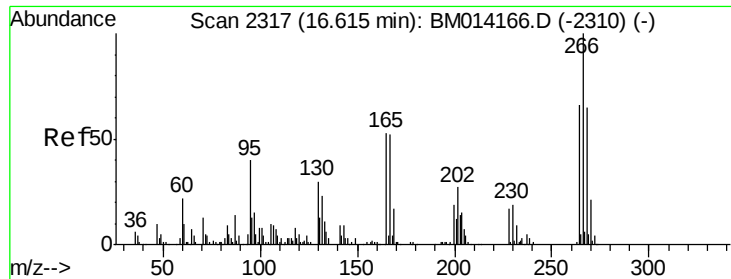
Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	200	Resp:	800375
Ion Ratio		Lower	Upper
200	100		
173	26.0	4.8	44.8
215	47.4	26.9	66.9





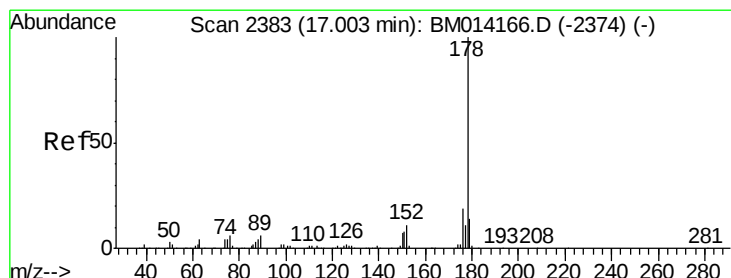
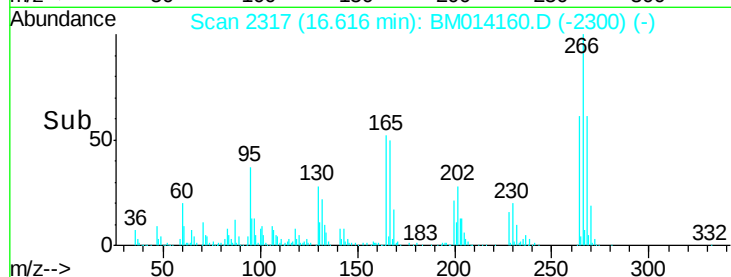
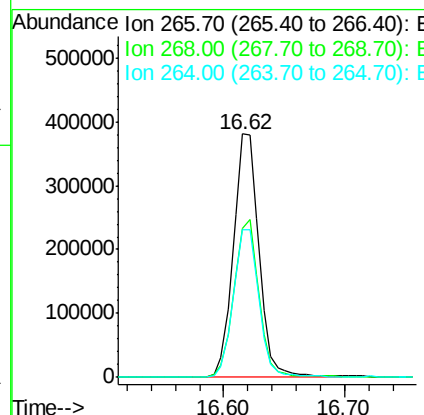
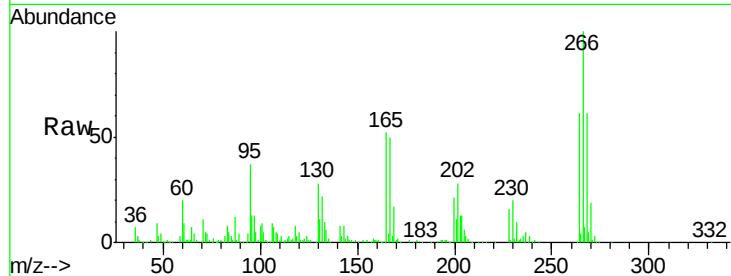
#69
 Pentachlorophenol
 Concen: 105.87 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	564510		
268	61.4	52.0	78.0	
264	60.7	49.0	73.4	

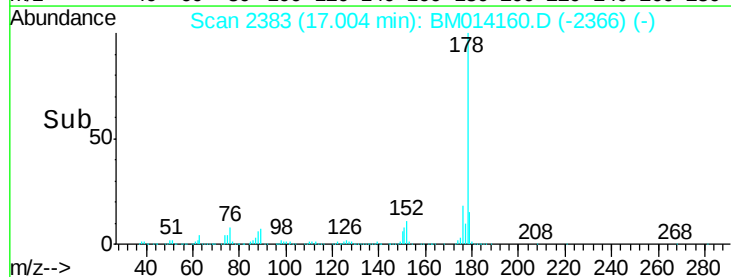
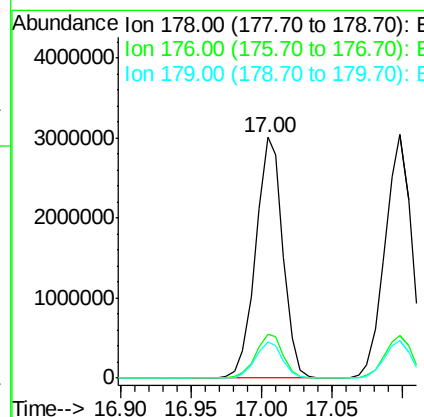
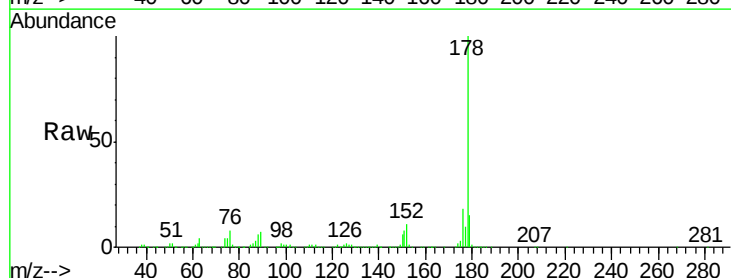
Manual Integrations
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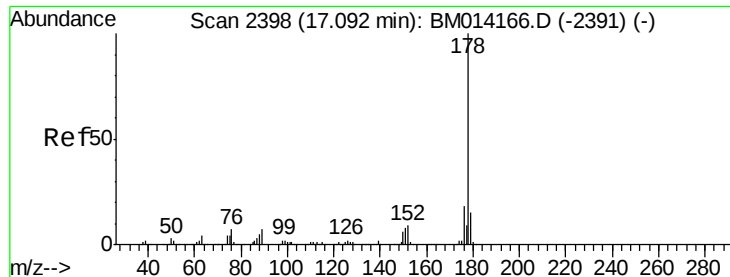
Sohil
 2/8/2018 3:50:22 PM



#70
 Phenanthrene
 Concen: 92.67 ng
 RT: 17.00 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4060954		
176	18.5	15.2	22.8	
179	15.3	12.1	18.1	





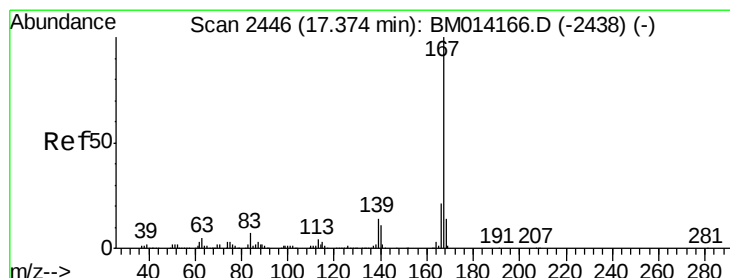
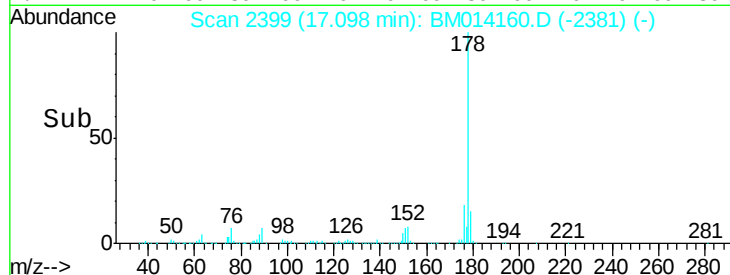
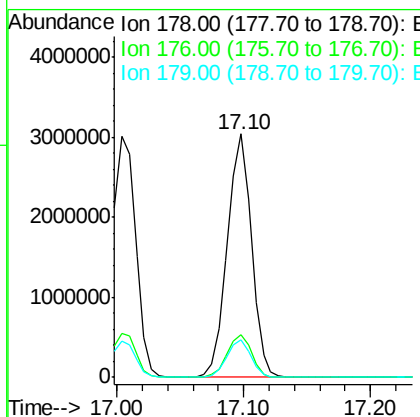
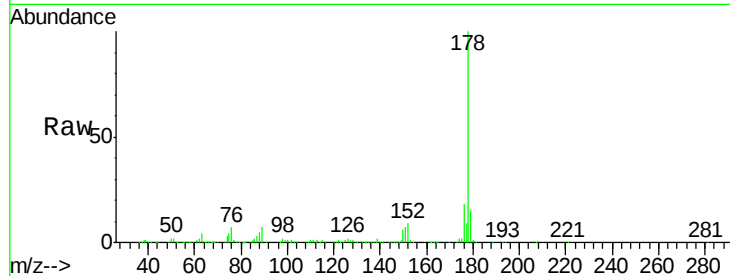
#71
 Anthracene
 Concen: 90.96 ng
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:178 Resp: 4008130
 Ion Ratio Lower Upper
 178 100
 176 17.7 14.6 22.0
 179 15.3 12.6 19.0

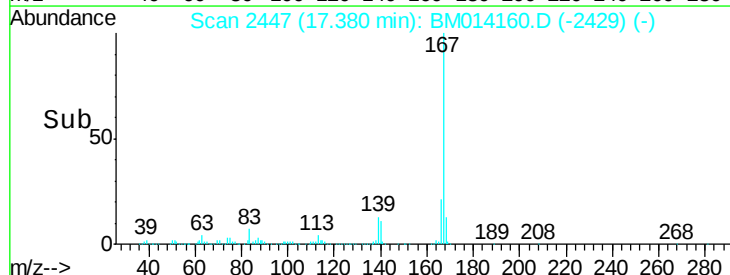
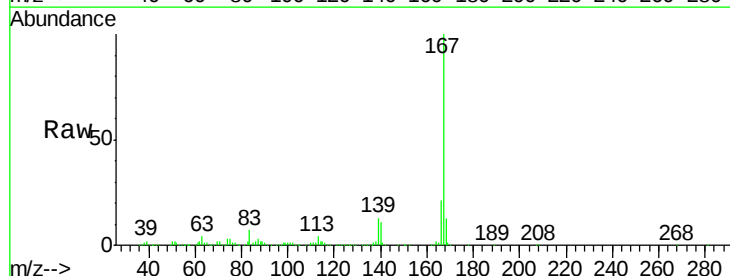
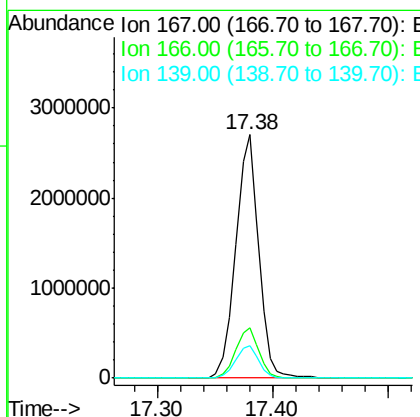
Manual Integrations
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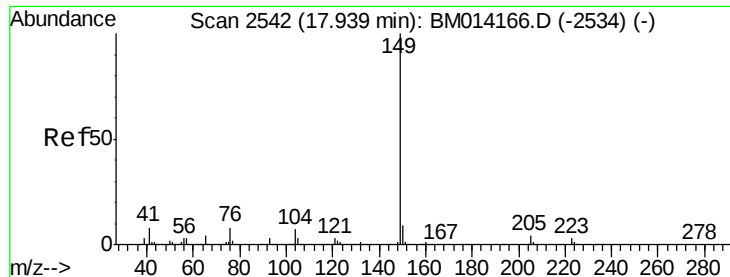
Sohil
 2/8/2018 3:50:22 PM



#72
 Carbazole
 Concen: 87.48 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion:167 Resp: 3714837
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 101.09 ng

RT: 17.94 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tgt Ion:149 Resp: 4987410

Ion Ratio Lower Upper

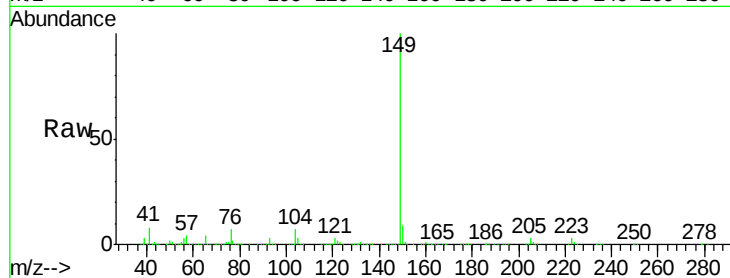
149 100

150 9.4 7.5 11.3

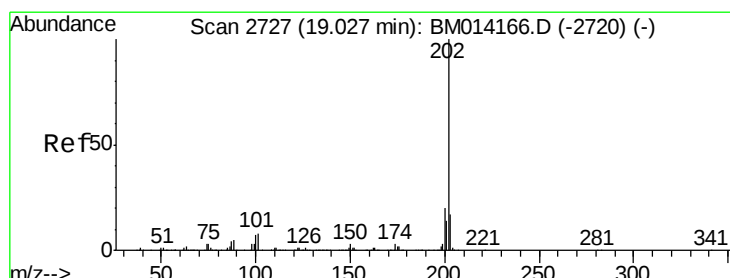
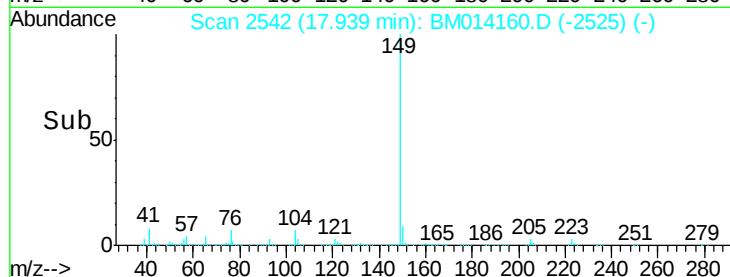
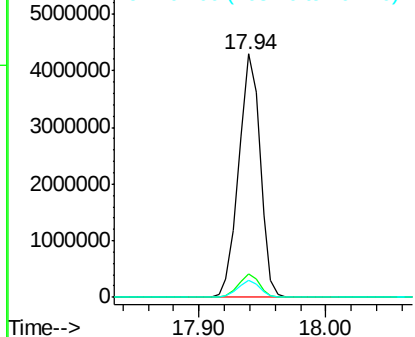
104 7.0 3.7 5.5#

Manual Integrations
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2/8/2018 3:50:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 95.40 ng

RT: 19.03 min Scan# 2728

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

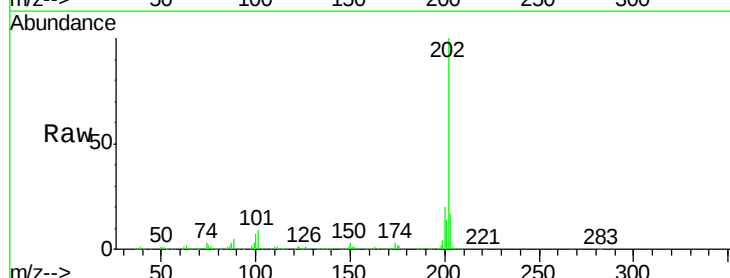
Tgt Ion:202 Resp: 4769994

Ion Ratio Lower Upper

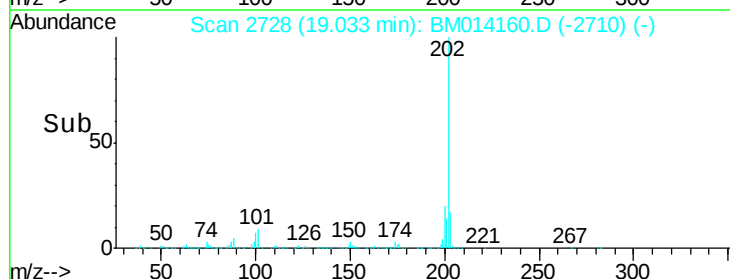
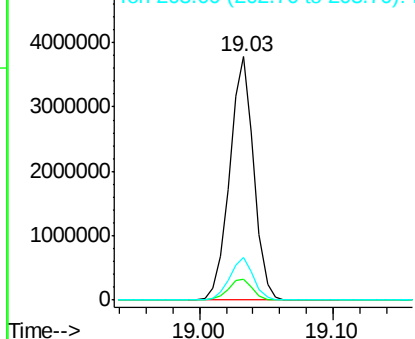
202 100

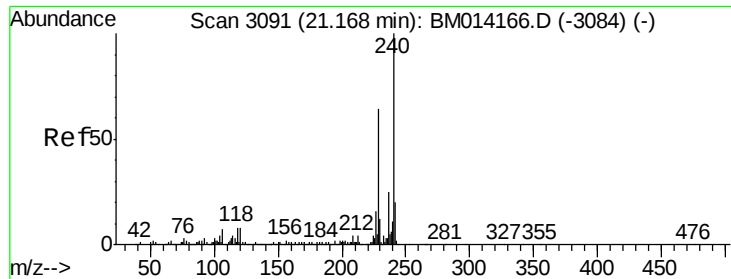
101 8.7 0.0 28.7

203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

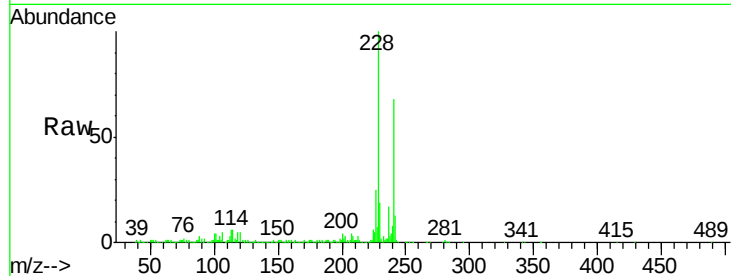
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	24.5	20.0	30.0

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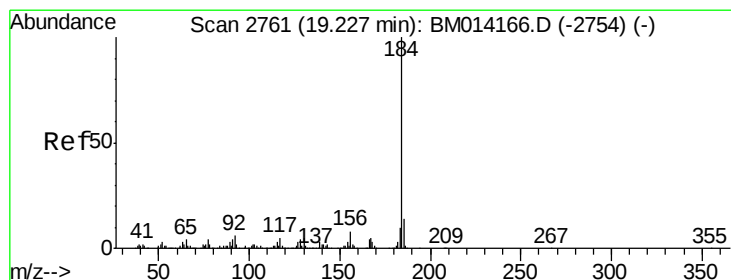
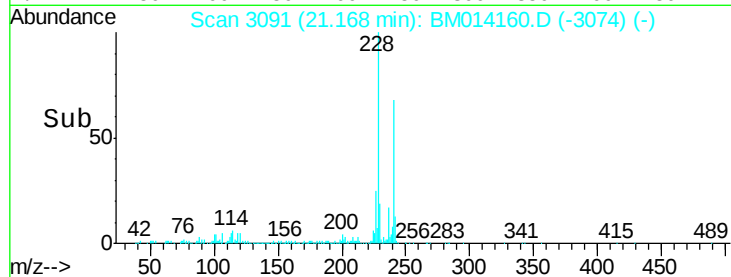
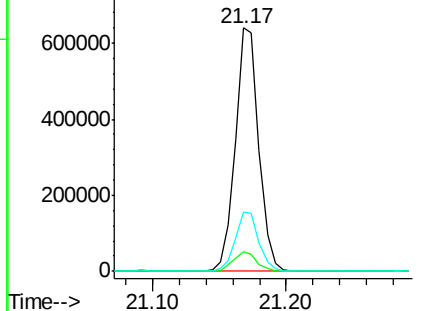
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 133.19 ng

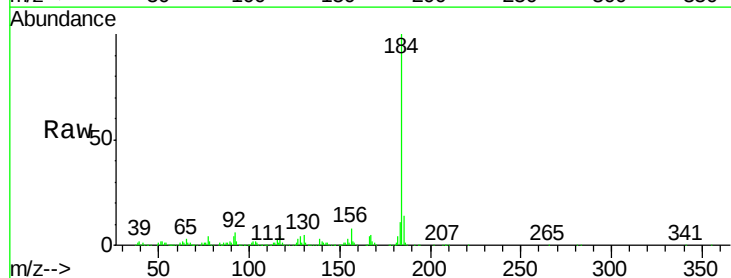
RT: 19.23 min Scan# 2762

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

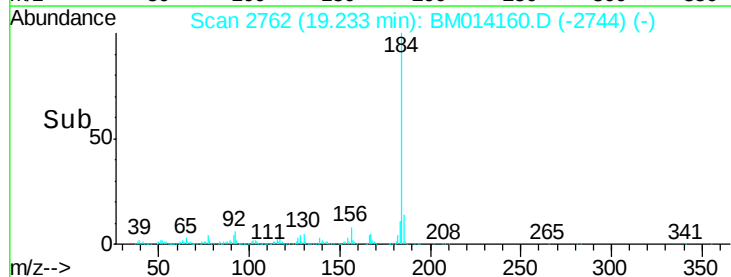
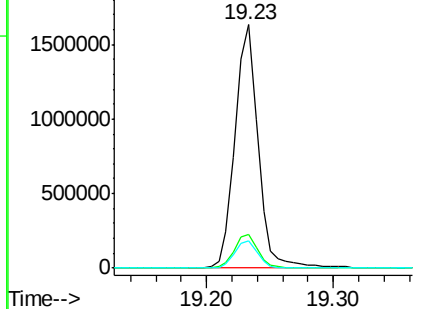
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	11.1	8.9	13.3

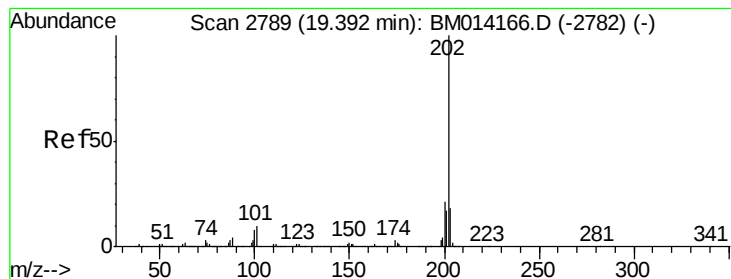


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 101.21 ng

RT: 19.40 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

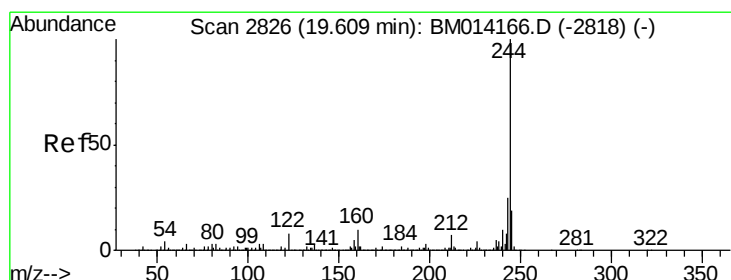
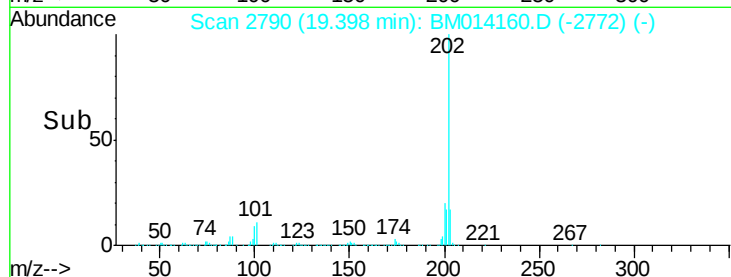
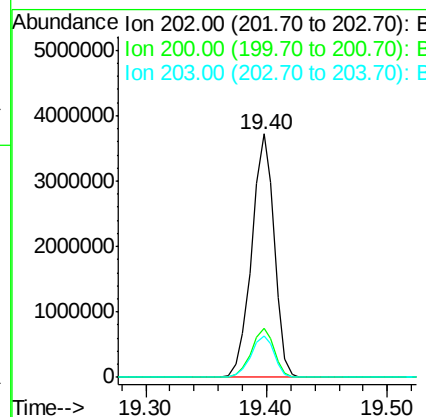
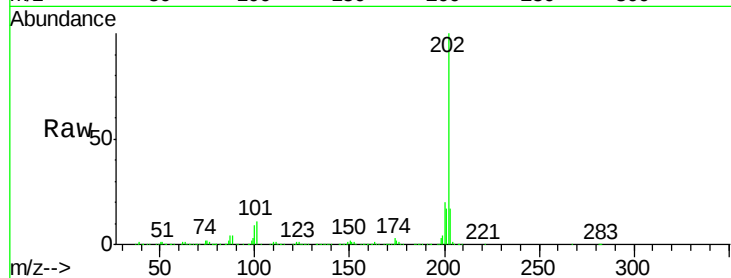
ClientSampleId :

SSTDICC080

Tgt Ion:	202	Resp:	4846685
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.2	14.1	21.1

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#78

Terphenyl-d14

Concen: 230.70 ng

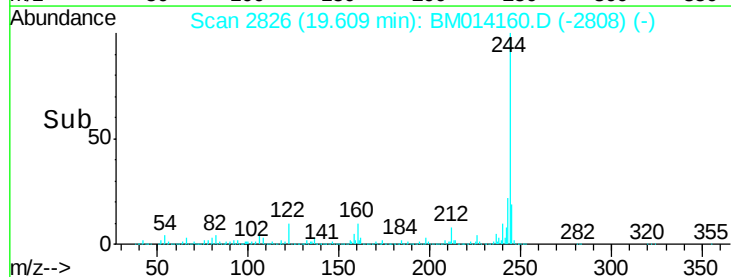
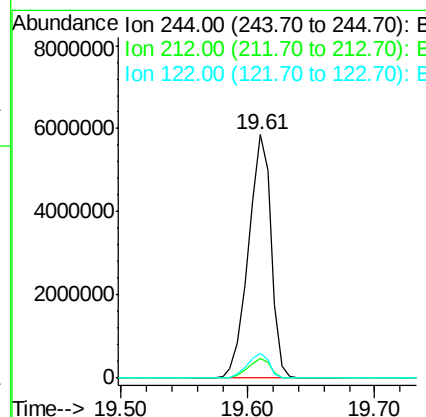
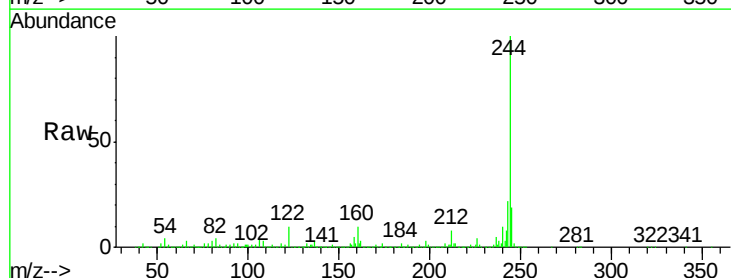
RT: 19.61 min Scan# 2826

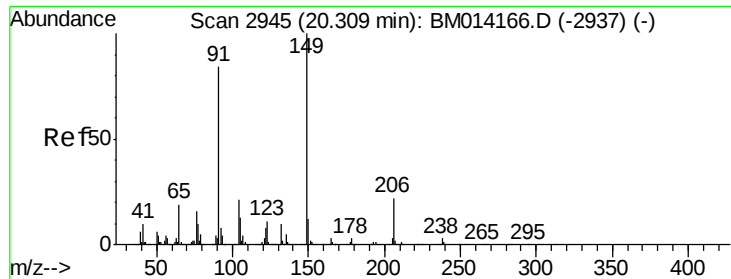
Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion:	244	Resp:	7265918
Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	9.9	6.2	9.4#





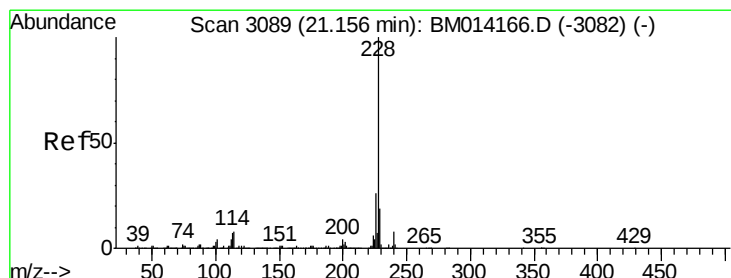
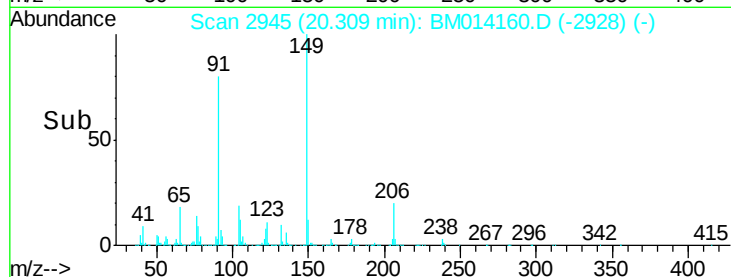
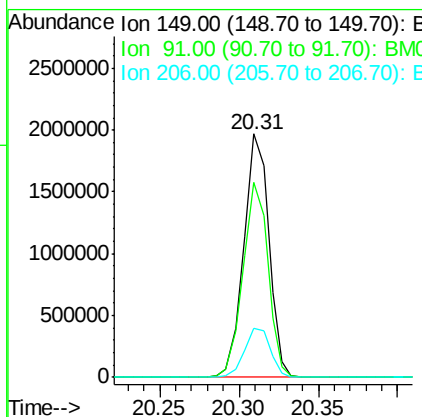
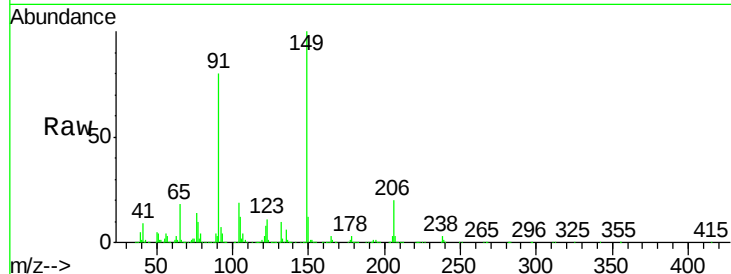
#79
Butylbenzylphthalate
Concen: 102.51 ng
RT: 20.31 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 2168588
Ion Ratio Lower Upper
149 100
91 80.1 50.1 75.1#
206 20.3 16.2 24.2

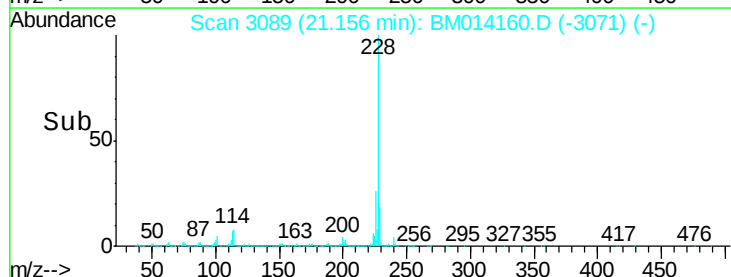
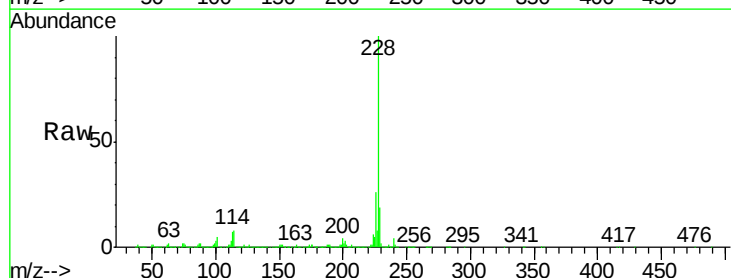
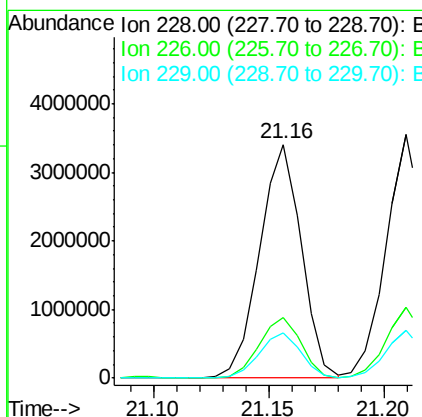
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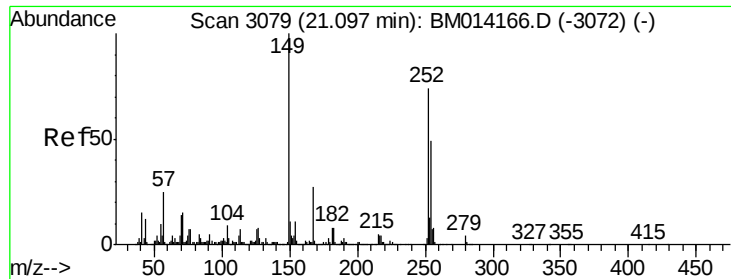
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#80
Benzo(a)anthracene
Concen: 97.82 ng
RT: 21.16 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion:228 Resp: 4275654
Ion Ratio Lower Upper
228 100
226 25.7 21.7 32.5
229 19.1 16.0 24.0





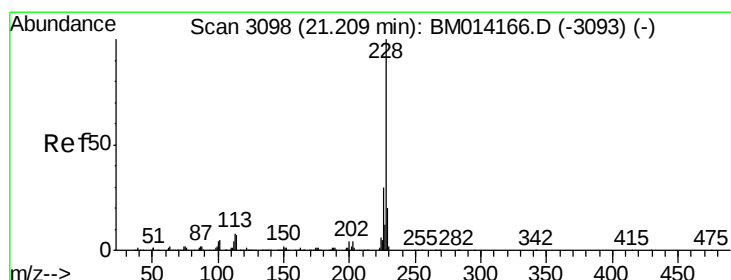
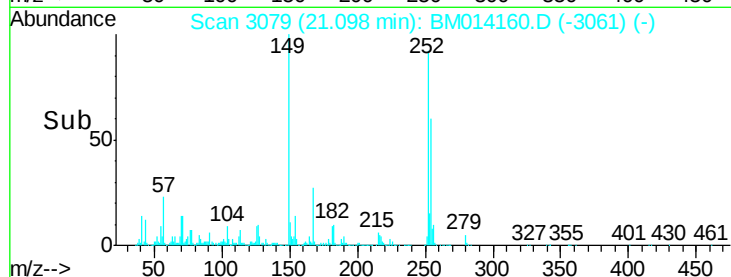
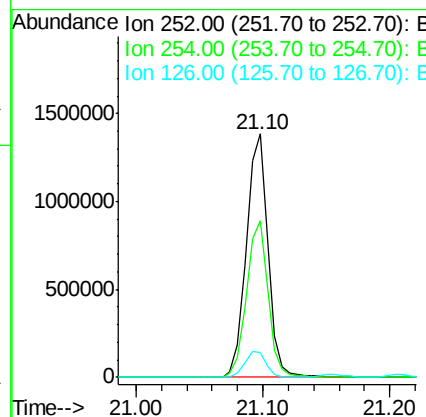
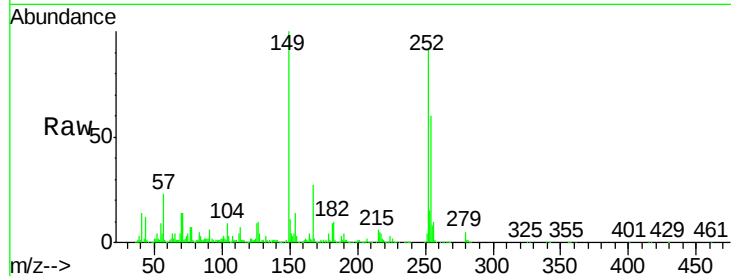
#81
 3,3'-Dichlorobenzidine
 Concen: 97.90 ng
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion:252 Resp: 1624496
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.9 77.9
 126 10.0 9.8 14.8

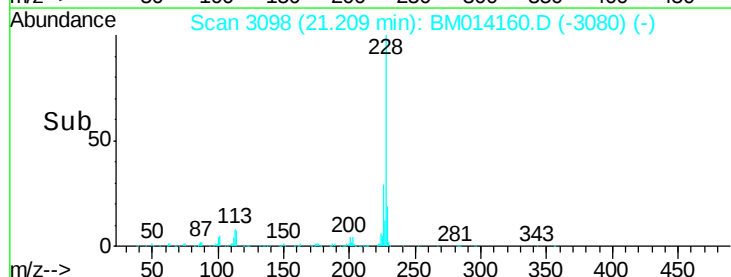
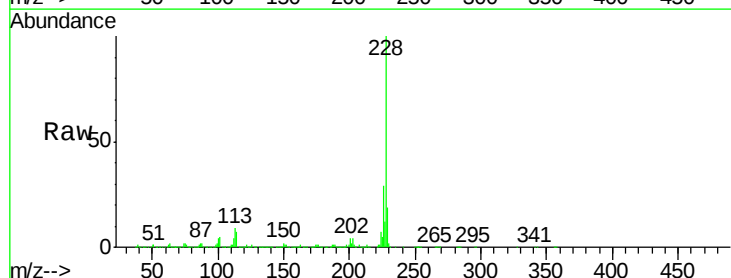
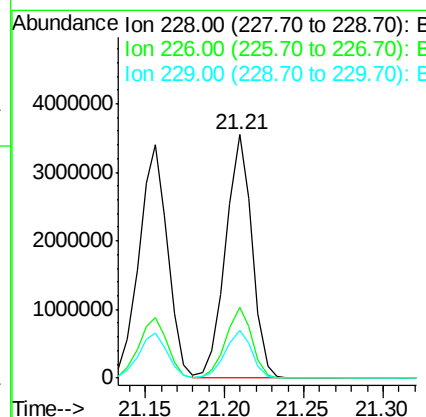
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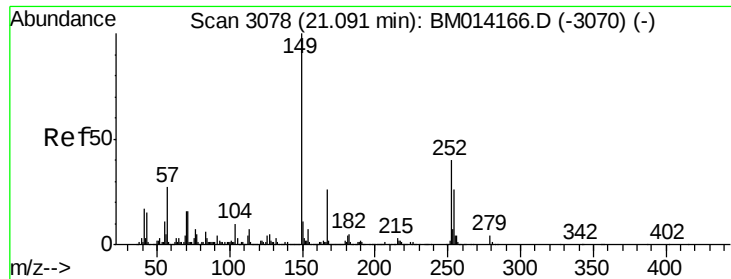
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#82
 Chrysene
 Concen: 99.01 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion:228 Resp: 4078839
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.1 36.1
 229 19.4 15.5 23.3





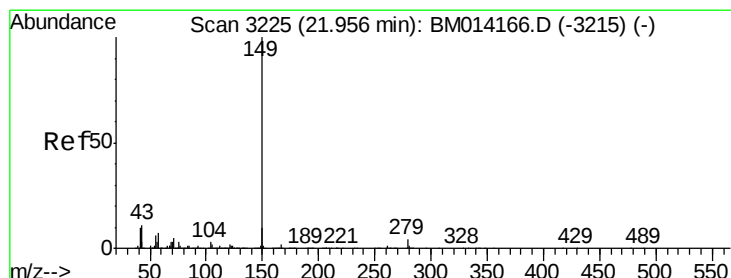
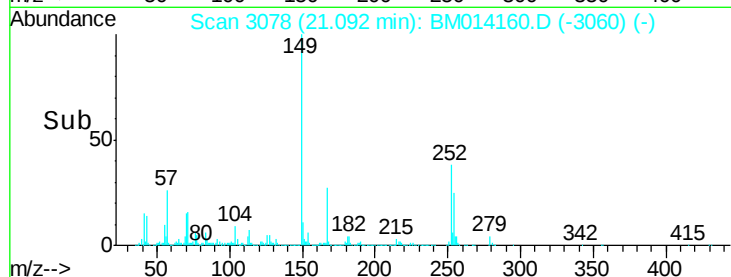
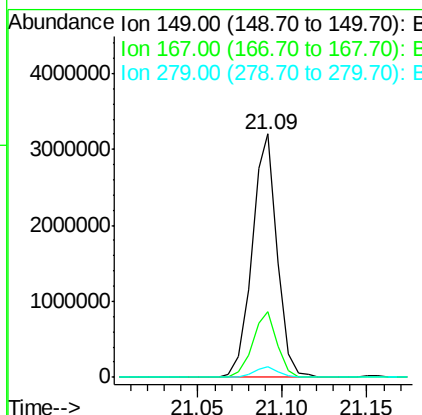
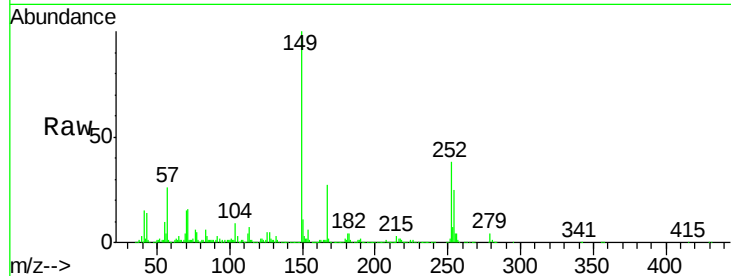
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 106.20 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	4.5	3.4	5.0

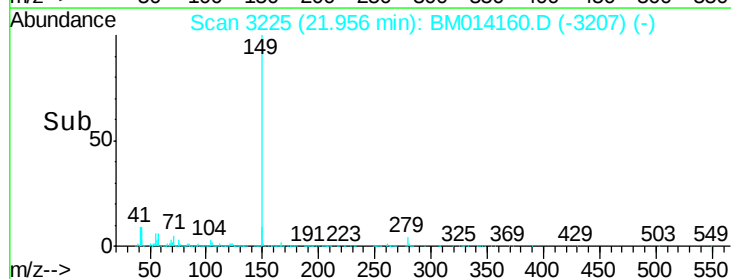
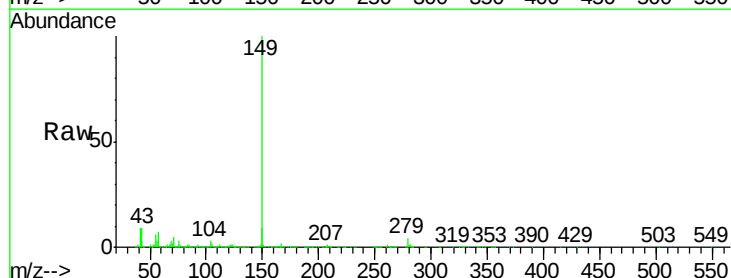
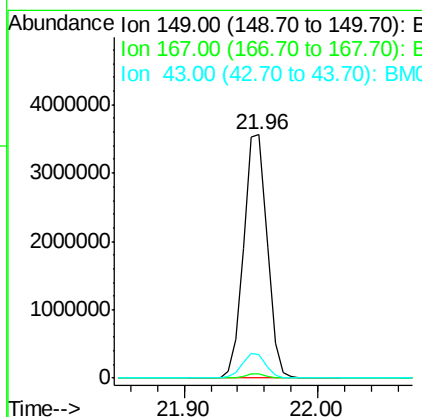
Manual Integrations
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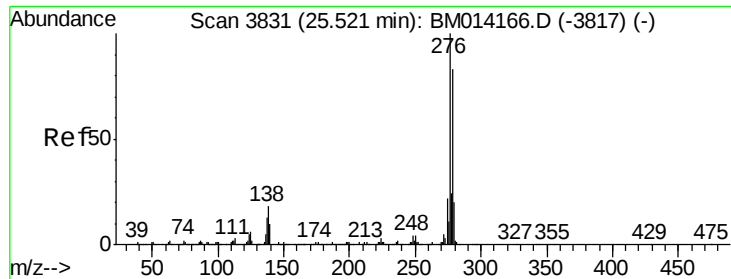
Sohil
 2/8/2018 3:50:22 PM



#84
 Di-n-octyl phthalate
 Concen: 82.52 ng
 RT: 21.96 min Scan# 3225
 Delta R.T. 0.01 min
 Lab File: BM014160.D
 Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	7.3	10.9





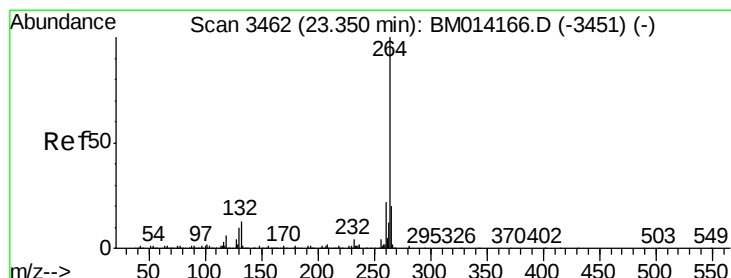
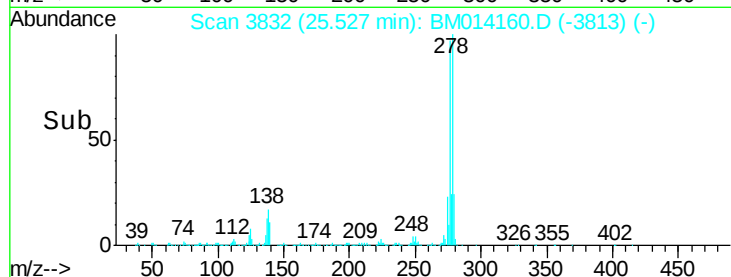
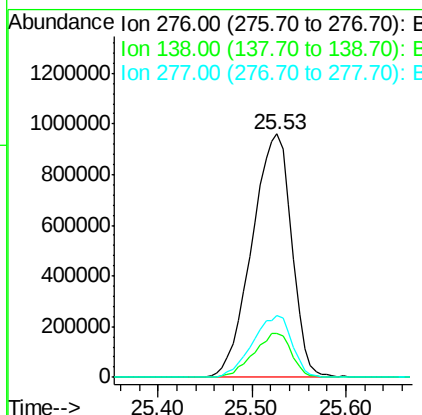
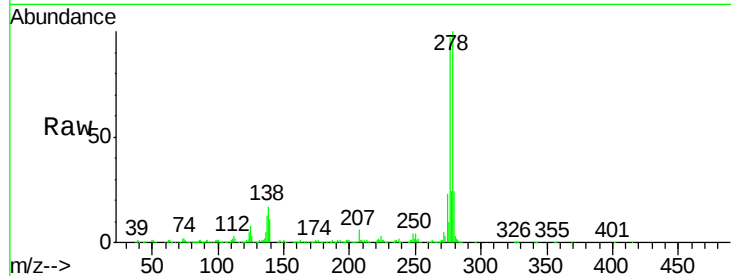
#85
Indeno(1,2,3-cd)pyrene
Concen: 73.21 ng
RT: 25.53 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	12.0	18.0
277	25.2	20.0	30.0

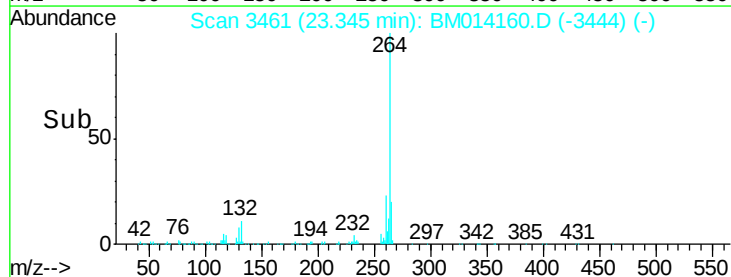
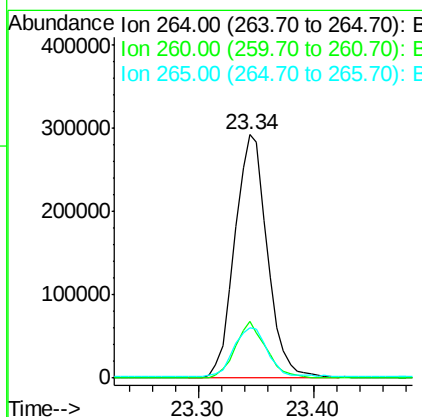
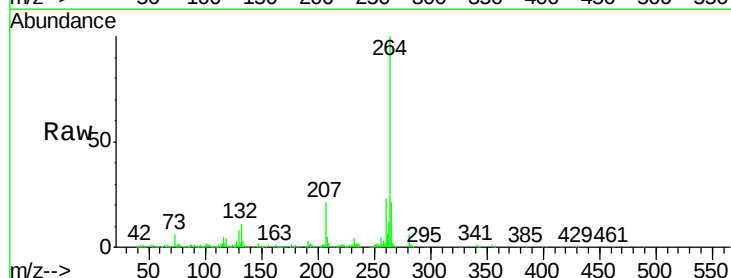
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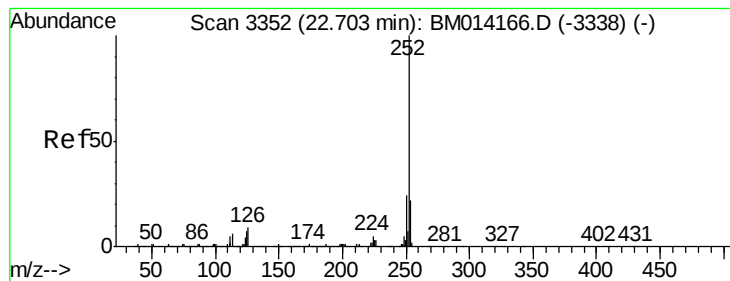
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. 0.00 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 98.22 ng

RT: 22.70 min Scan# 3352

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

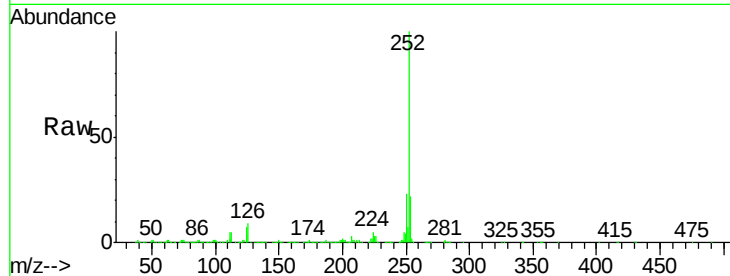
ClientSampleId :

SSTDICC080

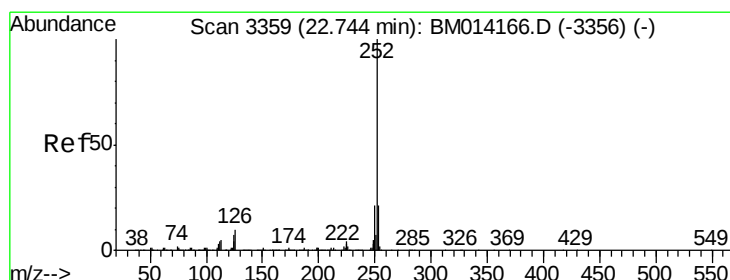
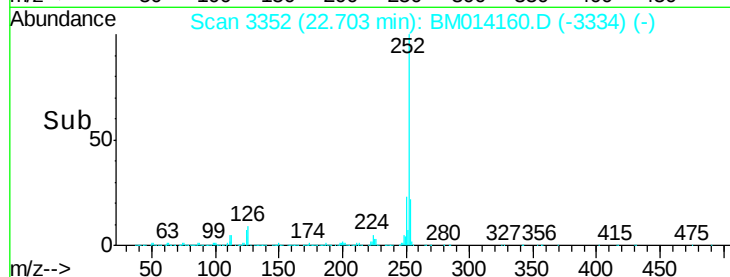
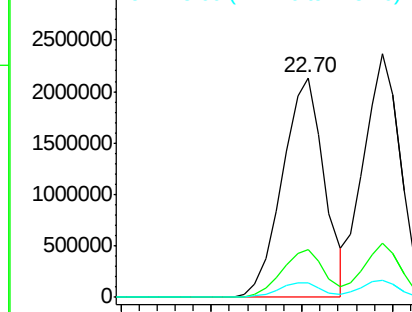
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	6.9	9.9	14.9#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.63 ng

RT: 22.74 min Scan# 3359

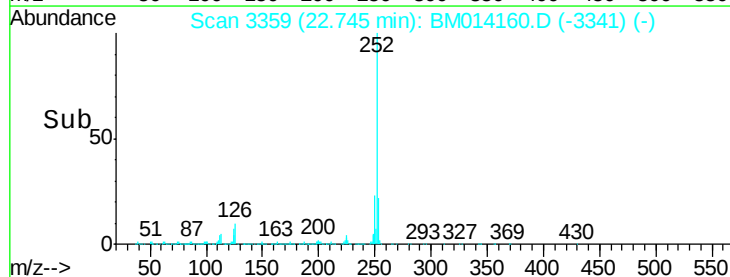
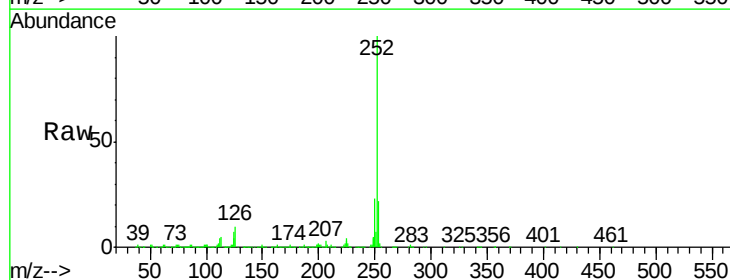
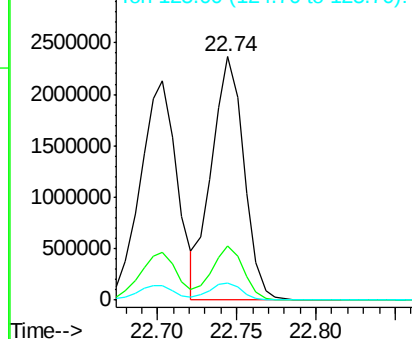
Delta R.T. 0.01 min

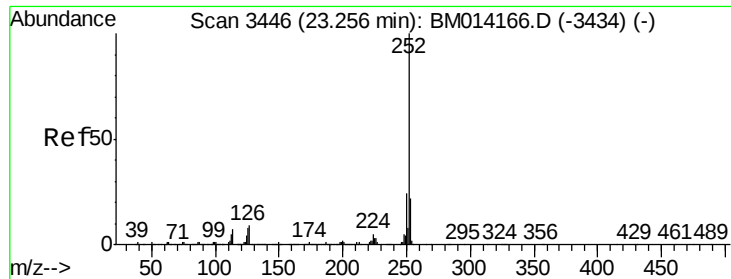
Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	7.2	8.1	12.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





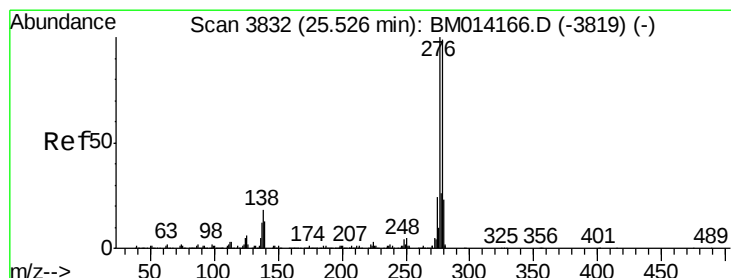
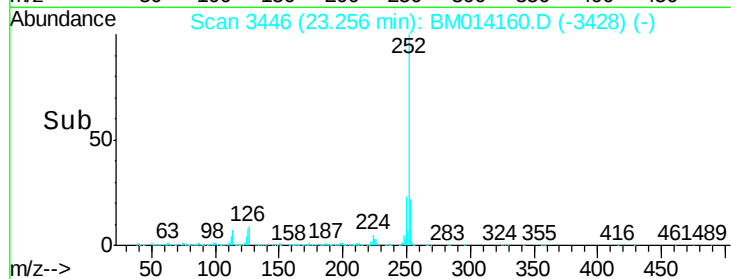
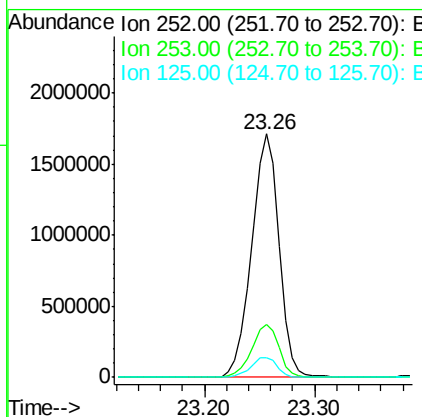
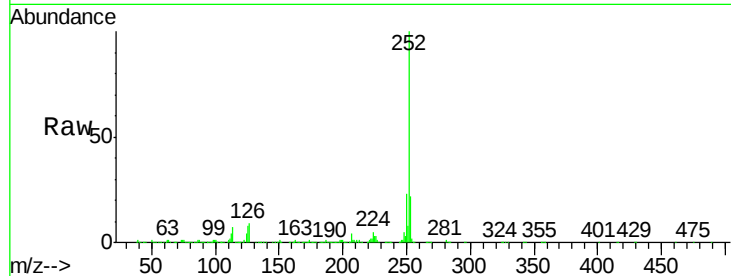
#89
Benzo(a)pyrene
Concen: 94.11 ng
RT: 23.26 min Scan# 3446
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.1	7.4	11.2

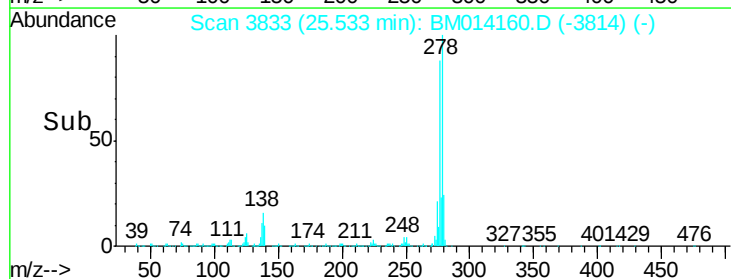
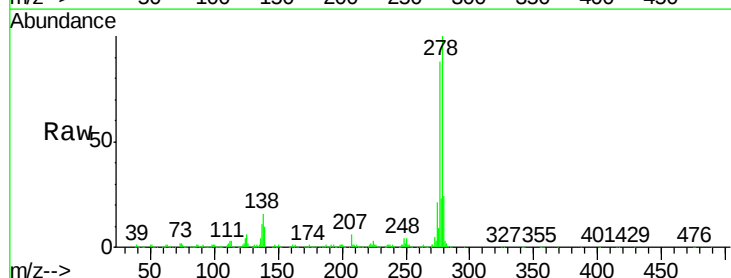
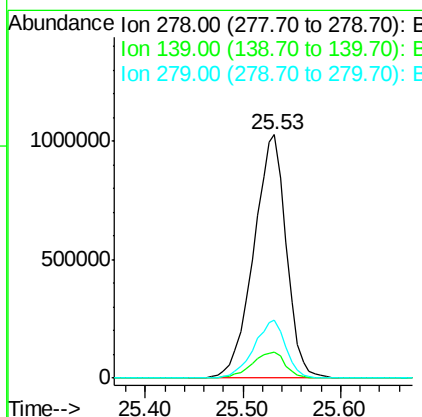
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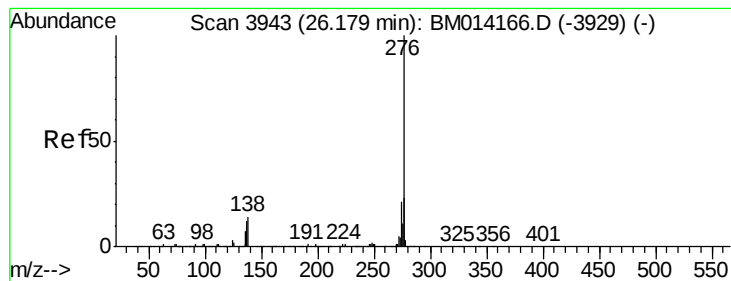
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#90
Dibenzo(a,h)anthracene
Concen: 88.78 ng
RT: 25.53 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM014160.D
Acq: 07 Feb 2018 13:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	13.4	20.0#
279	24.0	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 84.12 ng

RT: 26.19 min Scan# 3944

Delta R.T. 0.01 min

Lab File: BM014160.D

Acq: 07 Feb 2018 13:56

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tgt Ion: 276 Resp: 2206950

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 12.7 19.0 28.6#

Manual Integrations

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